

# Product Datasheet

## Recombinant Human GCAT His Protein NBP2-23080

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-23080**

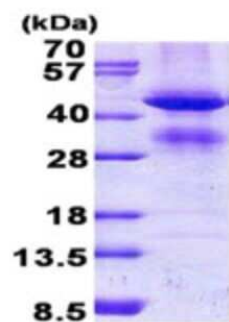
## Recombinant Human GCAT His Protein

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Concentration               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Preservative                | No Preservative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purity                      | >85%, by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Buffer                      | 20 mM Tris-HCl buffer (pH 8.0), 0.4M UREA, 10% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Target Molecular Weight     | 45 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Description                 | <p>A denatured recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 22-419 of Human GCAT</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SSGLVPRGSH MSALAQLRGI<br/> LEGELEGIRG AGTWKSERVI TSRQGPHIRV DGVSGGILNF CANNYLGLSS<br/> HPEVIQAGLQ ALEEFGAGLS SVRFICGTQS IHKNLEAKIA RFHQREDAIL<br/> YPSCYDANAG LFEALLTPED AVLSDELNHA SIIDGIRLCK AHKYRYRHLD<br/> MADLEAKLQE AQKHRLRLVA TDGAFSMDGD IAPLQEICCL ASRYGALVFM<br/> DECHATGFLG PTGRGTDELL GVMDQVTIIN STL GKALGGA SGGYTTGPGP<br/> LVSLLRQRRAR PYLFSNSLPP AVVGCASKAL DLLMGSNTIV QSMAAKTQRF<br/> RSKMEAAGFT ISGASHPICP VMLGDARLAS RMADDMLKRG IFVIGFSYPV<br/> VPKGKARIRV QISAVHSEED IDRCVEAFVE VGRLHGALP</p> |
| Gene ID                     | 23464                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene Symbol                 | GCAT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Applications                | SDS-Page                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Recommended Dilutions       | SDS-Page                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Application Notes           | Denatured protein is most likely not the best option for functional studies. It is better suited for Western Blot (WB) or imaging assays.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |



## Images

SDS-Page: GCAT Protein [NBP2-23080]



15% SDS-PAGE (3ug)



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### **Products Related to NBP2-23080**

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|                  |                                    |
|------------------|------------------------------------|
| NBP3-17854PEP    | GCAT Recombinant Protein Antigen   |
| M6000B-1         | IL-6 [HRP]                         |
| NBP3-04780-100ul | GCAT Antibody - Azide and BSA Free |
| 314-BP-010       | BMP-4 [Unconjugated]               |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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