

# Product Datasheet

## Recombinant Human MGMT His Protein NBC1-18534

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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**NBC1-18534****Recombinant Human MGMT His Protein****Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>95%, by SDS-PAGE
<b>Buffer</b>	20 mM Tris-HCl buffer (pH 7.5), 1 mM DTT, 10% glycerol
<b>Target Molecular Weight</b>	23.8 kDa

**Product Description**

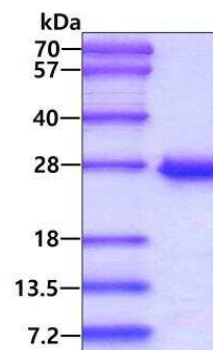
<b>Description</b>	<p>A recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-207 of Human MGMT</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SSGLVPRGSH MDKDCMKRT          TLDSPGKLE LSGCEQGLHE IKLLGKGTS AADAVEVPAPA AVLGGPEPLM          QCTAWLNAYF HQPEAIEEF VPAFHHPVFQ QESFTRQVLW KLLKVVKFGE          VISYQQLAAL AGNPKAARAV GGAMRGNPVP ILIPCHRVVC SSGAVGNYS          GLAVKEWLLA HEGHRLGKPG LGGSSGLAGA WLKGAGATSG SPPAGR</p>
<b>Gene ID</b>	4255
<b>Gene Symbol</b>	MGMT
<b>Species</b>	Human
<b>Endotoxin Note</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method)

**Product Application Details**

<b>Applications</b>	SDS-Page
<b>Recommended Dilutions</b>	SDS-Page

**Images**

SDS-Page: Recombinant Human MGMT His Protein [NBC1-18534] - 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.



## Publications

Alimbetov D, Cropper J, Likhovotvorik R, Carlson R PARP1 and MGMT interaction-based sensitivity to DNA damage in Ewing sarcoma bioRxiv 2020-01-01





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### **Products Related to NBC1-18534**

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NBP2-58611PEP	MGMT Recombinant Protein Antigen
AF748	E-Cadherin Antibody [Unconjugated]
NB100-168	MGMT Antibody (MT 23.2) - BSA Free
NB200-103	p53 Antibody (PAb 240) - BSA Free

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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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