

# Product Datasheet

## Recombinant Human GSTA1 Protein NBP1-30307

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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**NBP1-30307****Recombinant Human GSTA1 Protein**

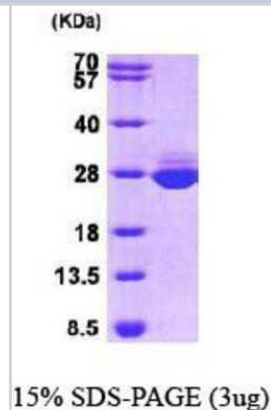
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>90%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH8.0), 1 mM DTT, 10% glycerol
Target Molecular Weight	25.6 kDa

Product Description	
Description	<p>An un-tagged recombinant protein corresponding to the amino acids 1-222 of Human GSTA1</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MAEKPKLHYF NARGRMESTR WLLAAAGVEF EEKFIKSAED LDKLRNDGYL MFQQVPMVEI DGMKLVQTRA ILNYIASKYN LYGKDIKERA LIDMYIEGIA DLGEMILLLP VCPPEEKDAK LALIKEKIKN RYFPAFEKVL KSHGQDYLVG NKLSRADIHL VELLYYVEEL DSSLISSFPL LKALKTRISN LPTVKKFLQP GSPRKPPMDE KSLEEARKIF RF</p>
Gene ID	2938
Gene Symbol	GSTA1
Species	Human
Details of Functionality	Specific activity is > 35,000 pmol/min/ug, and is defined as the amount of enzyme that conjugate 1.0 u mole of 1-chloro-2,4-dinitrobenzene (CDNB) with reduced glutathione per minute at pH 6.5 at 25C.
Endotoxin Note	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Product Application Details	
Applications	SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Enzyme Activity

**Images**

SDS-Page: GSTA1 Protein [NBP1-30307] - GSTA1, 25.6 kDa (222aa), confirmed by MALDI-TOF with a purity of 90% by SDS - PAGE





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### **Products Related to NBP1-30307**

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NBP2-52089-0.1mg	Recombinant Mouse GSTA1 His Protein
NBP1-32822	Nrf2 Antibody
H00002938-M01	GSTA1 Antibody (2F7)
NB200-209	NQO-1 Antibody (A180)

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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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