

# Product Datasheet

## Recombinant Human Glutathione S-transferase Mu 5 His Protein

**NBP2-52145-0.02mg**

Unit Size: 0.02 mg

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

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**NBP2-52145-0.02mg****Recombinant Human Glutathione S-transferase Mu 5 His Protein****Product Information**

<b>Unit Size</b>	0.02 mg
<b>Concentration</b>	1 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 (pH8.0), 1 mM DTT, 10% glycerol, 0.1 M NaCl
<b>Target Molecular Weight</b>	28.2 kDa

**Product Description**

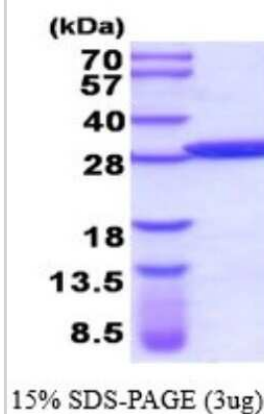
<b>Description</b>	<p>A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-218 of Human Glutathione S-transferase Mu 5</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SSGLVPRGSH MGSHMPMTLG YWDIRGLAHA IRLLEYTDS SYVEKKYTLG DAPDYDRSQW LNEKFKLGLD FPNLPYLIDG AHKITQSNAL RYIARKHNL CGETEEEEKIR VDILENQVMD NHMELVRLCY DPDFEKLKPK YLEELPEKLG LYSEFLGKRP WFAGDKITFV DFLAYDVLDL KRIFEPKCLD AFLNLKDFIS RFEGGLKKISA YMKSSQFLRG LLFGKSATWN SK</p>
<b>Gene ID</b>	2949
<b>Gene Symbol</b>	GSTM5
<b>Species</b>	Human
<b>Details of Functionality</b>	Specific activity is > 90,000 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.

**Product Application Details**

<b>Applications</b>	SDS-Page, Enzyme Activity
<b>Recommended Dilutions</b>	SDS-Page, Enzyme Activity

**Images**

SDS-Page: Recombinant Human Glutathione S-transferase Mu 5 Protein [NBP2-52145] - 15% SDS Page (3 ug)





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### **Products Related to NBP2-52145-0.02mg**

NBP1-98932-100ug	Recombinant Human Glutathione S-transferase Mu 5 His Protein
NBP1-32822	Nrf2 Antibody
NBP1-32682	Glutathione S-transferase Mu 5 Antibody
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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