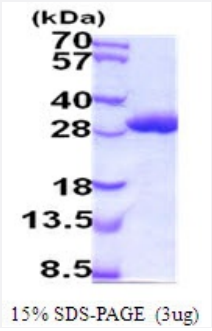
Bioactive Full-Length

Gsta1 (Mouse) Recombinant Protein

Catalog # P7934 Size 100 ug

Applications



Specification

Product Description	Mouse Gsta1 (P13745, 1 a.a. - 223 a.a.) full length recombinant protein with His tag expressed in *Escherichia coli*.
Sequence	MAGKPVLHYFNARGRMECIRWLLAAAGVEFEEKFIQSPEDLEKLKKDGNLMFDQVPMVEIDGMK LAQTRAILNYIATKYDLYGKDMKERALIDMYSEGILDLTEMIGQLVLCPPDQREAKTALAKDRTKNRY LPAFEKVLKSHGQDYLVGNRLTRVDIHLLEVLLYVEEFDASLLTPFPLLKAFKSRISSLPNVKKFLQ PGSQRKPPMDAKQIQEARKAFKIQ
Host	Escherichia coli
Theoretical MW (kDa)	28
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS-PAGE
Activity	Specific activity is > 4000 pmol/min/ug, and is defined as the amount of enzyme that conjugate 1.0 p mole of 1-chloro-2,4-dinitrobenzene (CDNB) with reduced glutathione per minute at pH 6.5 at 25°C.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In Phosphate-Buffer Saline pH 7.4 (10% glycerol, 1 mM DTT)

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Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Gsta1

Entrez GeneID	14857
Protein Accession#	P13745
Gene Name	Gsta1
Gene Alias	Gst2-1
Gene Description	glutathione S-transferase, alpha 1 (Ya)
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	glutathione S-transferase, alpha 1

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