

Mouse GSTM1 protein, His tag (active)

Cat. No. GTX67036-pro

Applications	Functional Assay	Package
Species	Mouse	100 µg

Applications

Application Note

Specific activity is > 40000 pmol/min/µg, and is defined as the amount of enzyme that conjugate 1.0 µmole of 1-chloro-2,4-dinitrobenzene (CDNB) with reduced glutathione per minute at pH 6.5 at 25°C.

Properties

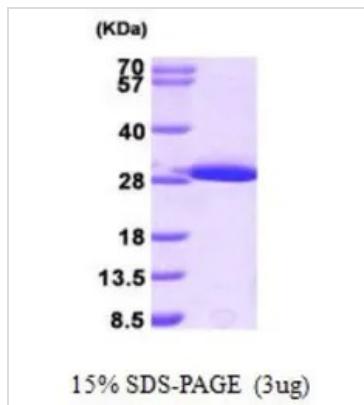
Form	Liquid
Buffer	20mM Tris-HCl, 10% Glycerol, 1mM DTT
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Region/Sequence	Full length protein, N-terminal His-Tag; Length: 238 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MPMILGYWNVRGLTHPIRML LEYTDSSYDE KRYTMGDAPD FDRSQWLNEK FKLGDFPNL PYLIDGSHKI TQSNAILRYL ARKHHLDGETEERIRADIV ENQVMDTRMQ LIMLCYNPDF EKQKPEFLKT IPEKMKLYSE FLGKRPWFAG DKVTYVDFLA YDILDQYRMFEPKCLDAFPN LRDFLARFEG LKKISAYMKS SRYIATPIFS KMAHWSNK
Expression System	E. coli
Purity	> 95% by SDS-PAGE.
Conjugation	Unconjugated
Note	For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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DATA IMAGES

**GTX67036-pro Image**

3 µg of GTX67036-pro Mouse GSTM1 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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