

Mouse GSTM1 protein (active)

Cat. No. GTX67035-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

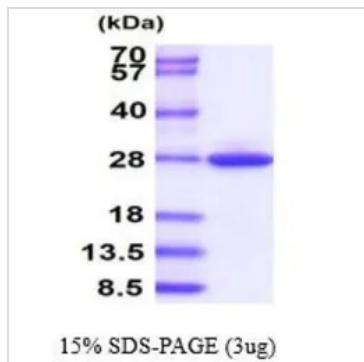
Form	Liquid
Buffer	PBS, 5mM Glutathione
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Region/Sequence	Full length protein, Length: 218 a.a. Sequence: MPMILGYWNV RGLTHPIRML LEYTDSSYDE KRYTMDAPD FDRSQWLNEK FKLGLDFPNL PYLIDGSHKI TQSNAILRYL ARKHLDGET EERIRADIV ENQVMDTRMQ LIMLCYNPDF EKQKPEFLKT IPEKMKLYSE FLGKRPWFAG DKVTVDFLA YDILDQYRMF EPKCLDAFPN LRDFLARFEG LKKISAYMKS SRYIATPIFS KMAHWSNK
Expression System	E. coli
Purity	> 95% by SDS-PAGE.
Endotoxin	< 1.0 EU/µg (determined by LAL method)
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

**GTX67035-pro Image**

3 µg of GTX67035-pro Mouse GSTM1 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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