

Human GSTM5 protein, His tag (active)

Cat. No. GTX67039-pro

Applications Functional Assay**Species** Human**Package**

20 µg

Applications

Application Note

Specific activity is > 90000 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

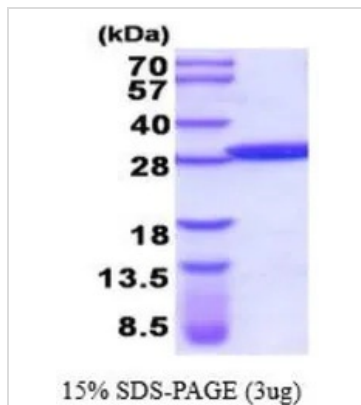
Form Liquid**Buffer** 20mM Tris-HCl, 100mM NaCl, 10% Glycerol, 1mM DTT**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid 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: 242 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MGSHPMTLG YWDIRGLAHA IRLLEYTDS SYVEKKYTLG DAPDYDRSQW LNEKFKLGLD FPNLPYLIDG AHKITQSNAI LRYIARKHNL CGETEEEEKIR VDILENQVMD NHMELVRLCY DPDFEKLKPK YLEELPELKL LYSEFLGKRP WFAGDKITFV DFLAYDVLDL KRIFEPKCLD AFLNLKDFIS RFEGLLKISA YMKSSQFLRG LLFGKSATWN SK

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.

For full product information, images and publications, please visit our [website](#).

DATA IMAGES



GTX67039-pro Image

3 μ g of GTX67039-pro Human GSTM5 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



For full product information, images and publications, please visit our [website](#).