

Human GSTM3 protein, His tag (active)

Cat. No. GTX67038-pro

Applications Functional Assay

Species Human

Package

100 µg

Applications

Application Note

Specific activity is > 15000 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: 249 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MGSHMSCCESS
MVLGYWDIRG LAHAIRLLLE FTDTSYEEKR YTCGEAPDYD RSQWLDVKFK LDLDFPNLPY LLDGKNKITQ SNAILRYIAR
KHNMCGETEE EKIRVDIEN QVMDFRTQLI RLCYSSDHEK LKPQYLEELP GQLKQFSMFL GKFSWFAGEK LTFVDFTLYD
ILDQNRIFDP KCLDEFPNLK AFMCREFEAL KIAAYLQSDQ FCKMPINNKM AQWGNKPCV

Expression System E. coli

Purity > 95% by SDS-PAGE.

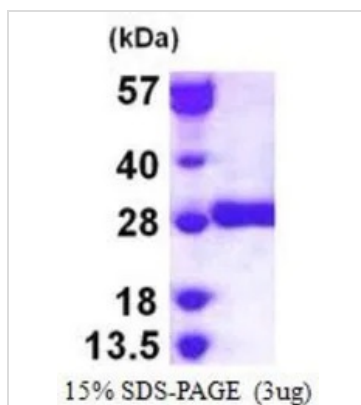
Conjugation Unconjugated

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



GTX67038-pro Image

3 μ g of GTX67038-pro Human GSTM3 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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