

Human GSTP1 protein, His tag (active)

Cat. No. GTX67040-pro

Applications Functional Assay

Species Human

Package

100 µg

Applications

Application Note

Specific activity is > 80 units/mg, 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, 30% Glycerol, 1mM EDTA, 0.1mM PMSF

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 0.5 mg/ml (Please refer to the vial label for the specific concentration.)

Region/Sequence Full length protein, N-terminal His-Tag; Length: 246 a.a. Sequence: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMPPY TVVYFPVRGR CAALRMILLAD QGQSWKEEVV TVETWQEGSL KASCLYGQLP KFQDGLTLY QSNILRHLG RTLGLYGKDQ QEAALVDMVN DGVEDLRCKY ISLIYTNIEA GKDDYVKALP GQLKPFETLL SQNQGGKTFI VGDQISFADY NLLDLLLIHE VLAPGCLDAF PLLSAYVGRL SARPKLKAFL ASPEYVNLPI NGNGKQ

Expression System E. coli

Purity > 95% by SDS-PAGE.

Endotoxin < 1.0 EU/µg (determined by LAL method)

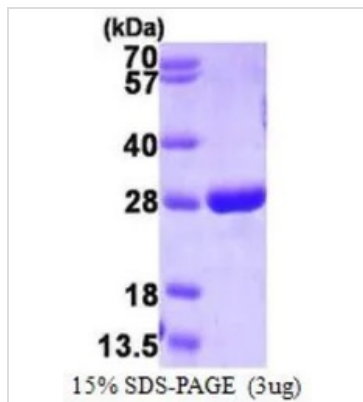
Conjugation Unconjugated

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



GTX67040-pro Image

3 μ g of GTX67040-pro Human GSTP1 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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