

Mouse Glyoxalase I protein, His tag (active)

Cat. No. GTX67015-pro

Applications	Functional Assay	Package
Species	Mouse	10 µg

Applications

Application Note

Specific activity is > 210 units/mg, and is defined as the amount of enzyme that will form 1.0 µmole of S-lactoylglutathione from methylglyoxal and reduced glutathione per minute at pH 6.5 at 25°C.

Observed MW (kDa) 28-40 kDa.

Properties

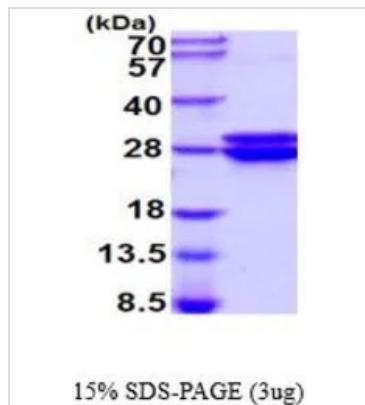
Form	Liquid
Buffer	PBS, 10% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Region/Sequence	Full length protein, C-terminal His-Tag; Length: 192 a.a. Sequence: MAEPQPASSG LTDETAFSCC SDPDPSTKDF LLQQTMLRIK DPKKSLDFYT RVLGLTLLQK LDFPAMKFSL YFLAYEDKND IPKDKSEKTA WTFSRKATLE LTHNWGTEDD ETQSYHNGNS DPRGFHIGI AVPDVYSACK RFEELGVKFV KKPDDGKMKG LAFIQDPDGY WIEILNPNIK ATIILEHHHH HH
Expression System	Baculovirus
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

**GTX67015-pro Image**

3 µg of GTX67015-pro Mouse Glyoxalase I protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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