

Mouse GPT protein, His tag (active)

Cat. No. GTX67025-pro

Applications Functional Assay

Species Mouse

Package

20 µg

Applications

Application Note

Specific activity is > 40 units/mg, and is defined as the amount of enzyme that convert 1.0 µmole of L-Alanine to L-Glutamate per minute at pH 7.5 at 37°C.

Properties

Form Liquid

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

Region/Sequence Full length protein, N-terminal His-Tag; Length: 519 a.a. Sequence: MGSSHHHHHH SGLVPRGSH MGSMASQRND RIQASRNLK GKVLTDTMN PCVRRVEYAV RGPVQRALE LEQELRQGVK KPFEVIRAN IGDAQAMGQR PITFFRQVLA LCVYPNLLSS PDFPEDAKRR AERILQACGG HSLGAYSISS GIQPIREDVA QYIERRDGGI PADPNNIFLS TGASDAIVTM LKLLVAGEGR ARTGVLPIIP QYPLYSALA ELDAVQVDYY LDEERAWALD IAE LRALCQ ARDRCCPRVL CVINPGNPTG QVQTRECIEA VIRFAFEEGL FLMADEVYQD NVYAEGSQFH SFKKVLTEMG PPYATQELA SFHSVSKGYM GECGFRGGYV EVVNMDAEVQ KQMAKLMSVR LCPPVPGQAL MGMVVSPTP SEPSFKQFQA ERQEVLAELA AKAKLTEQVF NEAPGIRCNP VQGAMYSFPQ IQLPLKAVQR AQDLGLAPDM FFCLCLEET GICVPGSGF GQQEGTYHFR MTILPPMEKL RVLLKLRHF HAKFTHEYS

Expression System E. coli

Purity > 90% by SDS-PAGE.

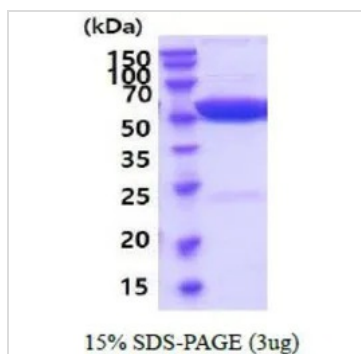
Conjugation Unconjugated

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



GTX67025-pro Image

3 μ g of GTX67025-pro Mouse GPT protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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