

Human GOT1 protein, His tag (active)

Cat. No. GTX67020-pro

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

20 µg

Applications

Application Note

Specific activity is > 50 units/mg, and is defined as the amount of enzyme that converts 1.0 µmole of α-ketoglutarate to L-Glutamate per minute at pH 8.0 at 25°C.

Properties

Form Liquid**Buffer** 20mM Tris-HCl, 100mM NaCl, 20% Glycerol, 2mM 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**

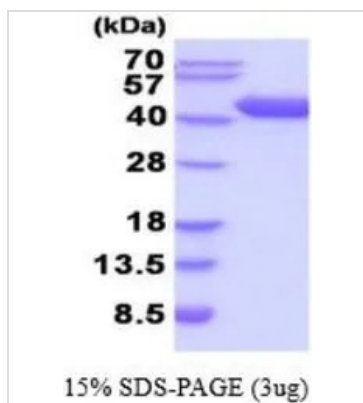
Full length protein, N-terminal His-Tag; Length: 433 a.a. Sequence: MGSSHHHHHH SGLVPRGSH MAPPSVFAEV PQAQPVLFK LTADFREDPD PRKVN LGVGA YRTDDCHPWV LPVKKVEQK IANDNSLNHE YLPILGLAEF RSCASRLALG DDSPALKEKR VGGVQSLGGT GALRIGADFL ARWYNGTNNK NTPVYVSPT WENHNAVFS AAGFKDIRSYR YWDAEKRGLD LQGFLNDLEN APEFSIVLH ACAHNPTGID PTPEQWKQIA SVMKHRFLFP FFDSAYQGFA SGNLERDAWA IRYFVSEGFE FFCAQSFSKN FGLYNERVGN LTVVGKEPES ILQVLSQMEK IVRITWSNPP AQGARIVAST LSNPELFEW TGNVKTMA DR ILTMRSELRA RLEALKTPGT WNHITDQIGM FSFTGLNPKQ VEYLVNEKHI YLLPSGRINV SGLTTKNLDY VATSIHEAVT KIQ

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



GTX67020-pro Image

3 μ g of GTX67020-pro Human GOT1 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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