

Human UGDH protein, His tag (active)

Cat. No. GTX67181-pro
Applications Functional Assay

Species Human

Package

50 µg

Applications

Application Note

Specific activity is > 2500 pmol/min/µg, and is defined as the amount of enzyme that convert 1.0pmole of UDP-glucose to UDP-glucuronate per minute at pH 8.7 at 37°C.

Properties

Form Liquid

Buffer 20mM Tris-HCl, 100mM NaCl, 20% Glycerol, 1mM DTT, 1mM EDTA

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: 533 a.a. Sequence: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSELEM FEIKKICIG AGYVGGPTCS VIAHMCPEIR VTVDVNESR INAWNSPTLP IYEPGLKEVV ESCRGKNLFF STNIDDAIKE ADLVFISVNT PTKTYGMGKG RAADLKYIEA CARRIVQNSN GYKIVTEKST VPVRAAESIR RIFDANTKPN LNLQVLSNPE FLAEGTAIKD LKNPDRVLIG GDETPGQRA VQALCAVYEH WVPREKILT NTWSSSELSKL AANAFLAQRI SSINSISALC EATGADVEEV ATAIGMDQRI GNKFLKASVG FGGSCFQKDV LNLVYLCEAL NLPEVARYWQ QVIDMNDYQR RRFASRIIDS LFNTVTDKKI AILGFAFKKD TGDRESSSI YISKYLMDEG AHLHIYDPKV PREQIIVDLS HPGVSEDDQV SRLVTISKDP YEACDGAHAV VICTEWD MFK ELDYERIHKK MLKPAFIDG RRVLDGLHNE LQTIGFQIET IGKKVSSKRI PYAPSGEIPK FSLQDPPNKK PKV

Expression System E. coli

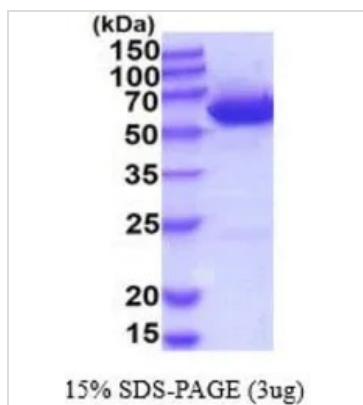
Purity > 95% by SDS-PAGE.

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



GTX67181-pro Image

3 μ g of GTX67181-pro Human UGDH protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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