

Human Glutamine synthetase protein (active)

Cat. No. GTX67011-pro

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

20 µg

Applications

Application Note

Specific activity is > 2 pmol/min/µg, and is defined as the amount of enzyme that convert L-glutamate to L-glutamine per minute at pH 7.5 at 37°C in coupled system with PK/LDH.

Properties

Form Liquid**Buffer** 20mM Tris-HCl, 10% Glycerol, 1mM DTT, 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** 1 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence**

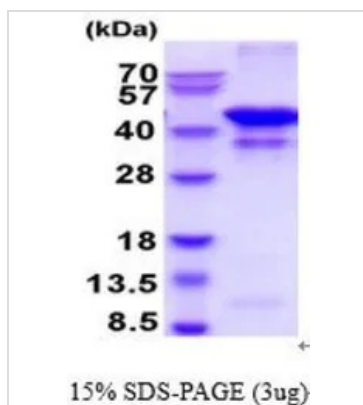
Full length protein, Length: 373 a.a. Sequence: MTTSSASSHLN KGIKQVYMSL PQGEKVQAMY IWIDGTGEGE RCKTRTLTLDSE PKCVELPEW NFDGSSTLQS EGSNSDMYLV PAAMFRDPFR KDPNKLVLCE VFKNRRPAE TNLRHCTCKRI MDMVSNQHPW FGMEQEYTLT GTDGHFPGWP SNGFPGPQGP YYCGVGADRA YGRDIVEAHY RACLYAGVKI AGTNAEVMMPA QWEFQIGPCE GISMGDHLWV ARFILHRVCE DFGVIATFDP KPIPGNWNGA GCHTNFSTKA MREENGLKYI EEAIEKLSKR HQYHIRAYDP KGGLDNARRL TGFHETSNIN DFSAGVANRS ASIRIPRTVG QEKKGYFEDR RPSANCDPFS VTEALIRTCL LNETGDEPFQ YKN

Expression System E. coli**Purity** > 85% 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



GTX67011-pro Image

3 μ g of GTX67011-pro Human Glutamine synthetase protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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