

Product Datasheet

Recombinant Human Glutamine Synthetase His Protein NBP2-52619

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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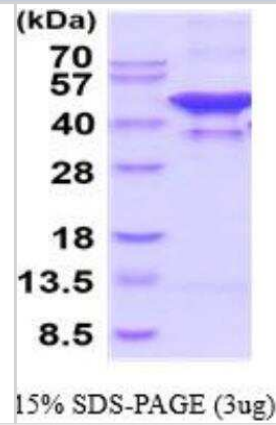
NBP2-52619**Recombinant Human Glutamine Synthetase His Protein**

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>90%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH8.0), 20% glycerol, 5mM DTT, 200 mM NaCl
Target Molecular Weight	44.2 kDa
Product Description	
Description	A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-373 of Human Glutamine Synthetase Source: <i>E.coli</i> Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MTTSSASHLN KGIKQVYMSL PQGEKVQAMY IWIDGTGEGL RCKTRTL DSE PKCVEELPEW NFDGSSTLQS EGSNSDMYLV PAAMFRDPFR KDPNKLVLCE VFKYNRRPAE TNL RHTCKRI MDMVSNQHPW FGMEQEY TLM GTDGH PFGWP SNGFPGPQGP YYCGVGADRA YGRDIVEAHY RACLYAGVKI AGTNAEVMMPA QWEFQIGPCE GISMGDHLWV ARFILHRVCE DFGVIATFDP KPIPGNWNGA GCHTNFSTKA MREENGLKYI EEAIEKLSKR HQYHIRAYDP KGGLDNARRL TGFHETSNIN DFSAGVANRS ASIRIPRTVG QEKKGYFEDR RPSANCDPFS VTEALIRTCL LNETGDEPFQ YKN
Gene ID	2752
Gene Symbol	GLUL
Species	Human
Details of Functionality	Specific activity is >2,800 pmol/min/ug, and is defined as the amount of enzyme that convert 1.0 pmole of L-glutamate to L-glutamine per minute at pH 7.5 at 37C in coupled system with PK/LDH.
Product Application Details	
Applications	SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Enzyme Activity



Images

SDS-Page: Recombinant Human Glutamine Synthetase Protein [NBP2-52619]





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Products Related to NBP2-52619

NBP2-52376-0.02mg	Recombinant Human Glutamine Synthetase Protein
NB300-109	Tyrosine Hydroxylase Antibody
NB110-41404	Glutamine Synthetase Antibody
NB300-141	GFAP Antibody

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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