

# Human GLUL Recombinant Protein



RPPB1708

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## Product Information    Protein Information

**Product SKU:**

RPPB1708

**Accession:**

P15104

**Host:**

Escherichia Coli.

**Protein description:**

GLUL Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 393 amino acids (1-373 a.a.) and having a molecular mass of 44.2 kDa. The GLUL is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

GLNS, EC 6.3.1.2, EC 4.1.1.15, GLUL, Glutamine Synthetase, GS, Glutamate decarboxylase, Glutamate--ammonia ligase, PIG43, PIG59.

**Formulation:**

GLUL Human solution containing 20mM Tris-HCl pH-8, 5mM DTT, 0.2M NaCl & 20% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MTTASSHLN KGIKQVYMSL PQGEKVQAMY IWIDGTGEGE RCKTRTL DSE  
PKCVELPEW NFDGSSTLQS EGSNSDMYLV PAAMFRDPFR KDPNKLVLCE VFKYNRRPAE TNLRHTCKRI  
MDMVSNQHPW FGMEQEYTLM GTDGHFPGWP SNGFPGPQGP YYCGVGADRA YGRDIVEAHY RACLYAGVKI  
AGTNAEVMPA QWEFQIGPCE GISMGDHLWV ARFILHRVCE DFGVIATFDP KPIPGNWNGA GCHTNFSTKA  
MREENGLKYI EEAIEKLSKR HQYHIRAYDP KGGLDNARRL TGFHETSININ DFSAGVANRS ASIRIPRTVG  
QEKKGYFEDR RPSANCDPFS VTEALIRTCL LNETGDEPFQ YKN.