

# Human GLUD1 Recombinant Protein



RPPB1707

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## Product Information    Protein Information

**Product SKU:**

RPPB1707

**Accession:**

P00367

**Host:**

Escherichia Coli.

**Protein description:**

GLUD1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 528 amino acids (54-558) and having a molecular mass of 58.4kDa. GLUD1 is fused to a 23 amino acid His-tag at N-terminus.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Glutamate Dehydrogenase 1, GLUD, GDH 1, EC 1.4.1.3, GDH, GDH1, Glutamate Dehydrogenase (NAD(P)+), Glutamate Dehydrogenase 1 Mitochondrial, EC 1.4.1, GLUD1.

**Formulation:**

The GLUD1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

**Purity:**

Greater than 80.0% 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 MGSSEAVADR EDDPNFFKMV EGFDFRGASI VEDKLVEDLR TRESEEQKRN  
RVRGILRIIK PCNHVLSLSF PIRRDDGSWE VIEGYRAQHS QHRTPCKGGI RYSTDVSVDE VKALASLMTY  
KCAVVDVDPFG GAKAGVKINP KNYTDNELEK ITRRFTMELA KKGFIGPGID VPAPDMSTGE REMSWIADTY  
ASTIGHYDIN AHACVTGKPI SQGGIHGRIS ATGRGVFHGI ENFINEASYM SILGMTPGFG DKTFVQVQFG  
NVGLHSMRYL HRFGAKCIAV GESDGSIWNP DGIDPKELED FKLQHGSI LG FPKAKPYEGS ILEADCILI  
PAASEKQLTK SNAPRVKAKI IAEGANGPTT PEADKIFLER NIMVIPDLYL NAGGVTVSYF EWLKLNHVS  
YGRITFKYER DSNYHLLMSV QESLERKFGK HGGTIPIVPT AEFQDRISGA SEKDIVHSGL AYTMEARSARQ  
IMRTAMKYNL GLDLRTAAYV NAIKVFVKVY NEAGVTFT.