

Human DLD Recombinant Protein



RPPB1578

Product Information Protein Information

Product SKU:

RPPB1578

Accession:

P09622

Host:

Escherichia Coli.

Protein description:

DLD Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 511 amino acids (36-509 a.a.) and having a molecular mass of 54.4 kDa. The DLD is fused to a 37 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear colorless solution.

Synonyms:

EC 1.8.1.4, DLD, DLDH, GCSL, PHE3, Dihydrolipoyl dehydrogenase mitochondrial, Dihydrolipoamide dehydrogenase, Glycine cleavage system L protein, LAD, E3.

Formulation:

The DLD solution contains 20mM Tris-HCl pH-8, 1mM DTT, 0.1M NaCl and 10% glycerol.

Purity:

Greater than 95% 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:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMADQ PIDADVTIG SGPGGYVAAI
KAAQLGFKTV CIEKNETLGG TCLNVGCIPS KALLNNSHYY HMAHGKDFAS RGIEMSEVRL NLDKMMEQKS
TAVKALTGGI AHLFKQNKVV HVNGYGKITG KNQVTATKAD GGTQVIDTKN ILIATGSEVT PFPGITDED
TIVSSTGALS LKKVPEKMVV IGAGVIGVEL GSVWQRLGAD VTAVEFLGHV GGVGIDMEIS KNFQRILQKQ
GFKFKLNTKV TGATKSDGK IDVSIEAASG GKAEVITCDV LLVCIGRRPF TKNLGLEELG IELDPRGRIP
VNTRFQTKIP NIYAIGDVVA GPMLAHKAED EGIICVEGMA GGAVHIDYNC VPSVIYTHPE VAWVGKSEEQ
LKEEGIEYKV GKFFAANSR AKTNADTDGM VKILGQKSTD RVLGAHILGP GAGEMVNEAA LALEYGASCE
DIARVCHAHF TLSEAFREAN LAASFGKSIN F.