

Human DLD protein, His tag (active)

Cat. No. GTX66971-pro

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

100 µg

Applications

Application Note

Specific activity is > 200 units/mg, one unit will reduce 1.0 µmole of DL-lipoamide to DL-dihydrolipoamide per minute at pH 6.5 at 25°C.

Properties

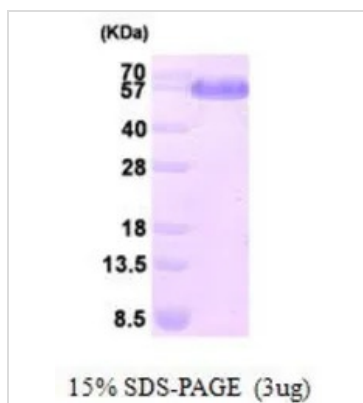
Form Liquid**Buffer** 20mM Tris-HCl, 100mM NaCl, 10% Glycerol, 1mM DTT**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 1 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence**

N-terminal His-Tag; Length: 511 a.a. Sequence: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMADQ
PIDADVTIG SGPGGYVAAl KAAQLGFKTV CIEKNETLGG TCLNVGCIPS KALLNNSHYH HMAHGKDFAS RGIEMSEVRL
NLDKMMEQKS TAVKALTGGI AHLFKQNKV HVNGYGKITG KNQVTATKAD GGTQVIDTKN ILIATGSEVT PFPGITIDED
TIVSSTGALS LKKVPEKMWV IGAGVIGVEL GSVWQRLGAD VTAVEFLGHV GGVGIDMEIS KNFQRILQKQ GFKFKLNTKV
TGATKKS DGK IDVSIEAASG GKAELITCDV LLVCIGRRPF TKNLGLLEELG IELDPGRIP VNTRFQTKIP NIYAIGDVA GPMLAHKAED
EGIIICVEGMA GGAVHIDYNC VPSVIYTHPE VAWVGKSEEQ LKEEGIEYKV GKFPFAANSR AKTNADTDGM VKILGQKSTD
RVLGAHILGP GAGEMVNEAA LALEYGASCE DIARVCHAHP TLSEAFREAN LAASFGKSIN F

Expression System E. coli**Purity** > 95% 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



GTX66971-pro Image

3 µg of GTX66971-pro Human DLD protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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