

Product Data Sheet

Recombinant Human Lipoamide Dehydrogenase Protein

Catalog #	Source	Reactivity	Applications
CST2349	E. coli	H	
Description	Recombinant Human Lipoamide Dehydrogenase Protein is produced by E. coli expression system and the target gene encoding Asp41-Ala500 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	DLD		
Alternative Names	GCSL; LAD; PHE3; Dihydrolipoyl dehydrogenase, mitochondrial; Dihydrolipoamide dehydrogenase; Glycine cleavage system L protein		
Entrez Gene	1738		
SwissProt	P09622		
Purity			
Chemical Structure	DADVTVIGSG PGGYVAAIKA AQLGFKTVCI EKNETLGGTC LNVGCIPSKA LLNNSHYHHM AHGKDFASRG IEMSEVRLNL DKMMEQKSTA VKALTGGIAH LFKQNKVVHV NGYGKITGKN QVTATKADGG TQVIDTKNIL IATGSEVTPF PGITIDEDTI VSSTGALSLK KVPEKMVVIG AGVIGVELGS VWQRLGADVT AVEFLGHVGG VGIDMEISK N FQRILQKQGF KF		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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