

Recombinant Bovine L2HGDH Protein (53-463 aa), His-SUMO-tagged

Cat. No. L2HGDH-615B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Bovine L2HGDH Protein (53-463 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Bovine
Source	E.coli
ProteinLength	53-463 aa
Form	Tris-based buffer, 50% glycerol
Molecular Mass	61.7 kDa
AA Sequence	IIGGGIVGLASARALILRHPALSIGVLEKEKNLAVHQTGHNSGVIHSGIYYKPESLKAKL CVQGAALIYEYCNQKGISYKQCGKLIVAVEQEEIPRLQALYERGLQNGVQGLRLIQQ EDIKKKEPYCRGLMAIDCPYTGIVDYRQVAFSFAKDFQEAGGSVLTNFEVEDIEMAR ESPSRSKDGMYPIVIRNTKGEEVRCQYVVTCTAGLYSDRISELSCNPNPRIVPFRG DYLVLKPEKRYLVKGNIYPVPDSRFPFLGVHFTPRMDGNIWLGPNAIFAFKREGYRP FDFSARDIMDIIKSGLIKLVFQNFSGVNMKYKACFLSATVKHLQKFIPEITISDVLRGF AGVRAQALDRDGNLIEDFVFDGGVGDIGNRILHVRNAPSPAATSSLAISGMIADDEVQ QRFKL
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name	L2HGDH L-2-hydroxyglutarate dehydrogenase [Bos taurus (cattle)]
Official Symbol	L2HGDH
Gene ID	514230
mRNA Refseq	NM_001101090
Protein Refseq	NP_001094560
UniProt ID	A7MBI3

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