

Recombinant Zebrafish D2HGDH Protein (56-533 aa), His-SUMO-tagged

Cat. No. D2HGDH-969D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Danio rerio (Zebrafish) (Brachydanio rerio) D2HGDH Protein (56-533 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	Zebrafish
Source	E.coli
ProteinLength	56-533 aa
Description	Catalyzes the oxidation of D-2-hydroxyglutarate to alpha-ketoglutarate.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	68.3 kDa
AA Sequence	ANPANPSAAPPRLPFSRVTQEDLSFFRALLPGRITITDPDLLKSSNVDWLKTVQGSSD VLLRPKTTEGVSQILRYCNERNLAVCPQGGNTGLVGGSVPVFDEIILSTSLMNQVFA FDNISGILTCQAGCVLENLSHYLEERDFIMPLDLGAKGSCHIGGNVSTNAGGLRLLRY GSLRGTVLGLLEVVLADGHVLNCLATLRKDNTGYDLKQLFIGSEGTLGVITAVSILCPR KPKAVNVAFLGCSSFQQLLETFQCCRGMLGEILSAFEFLDASCMNLLKHLKLTNPIT ECPFYIVIETAGSNATHDEEKLHQFLEEVMTSSLVTDGTVATEATKIKALWSLRERV EALTHEGYTYKYDISLPVEKIYDLVQDMRRHLGGMAKNVVGYPYGHVGDGNLHLNITSP SKDFDLLAAIEPYVYEWTSQWKGSISAEHGLGLKKRNYIYYSKPSEAVALMGSIKAM

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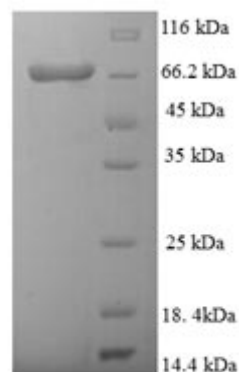
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	LDPKGILNPYKTLPDNIN
Purity	> 90% as determined by SDS-PAGE.
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

UniProt ID [A1L258](#)



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and

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15% separation gel.

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