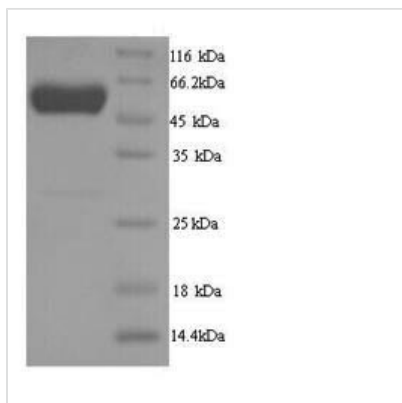




Recombinant Danio rerio D-2-hydroxyglutarate dehydrogenase, mitochondrial (d2hgdh)

Product Code	CSB-YP374600DIL
Relevance	Catalyzes the oxidation of D-2-hydroxyglutarate to alpha-ketoglutarate.
Abbreviation	Recombinant Zebrafish d2hgdh protein
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	A1L258
Product Type	Recombinant Protein
Immunogen Species	Danio rerio (Zebrafish) (Brachydanio rerio)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	ANPANPSAAPPRLPFSRVTEQEDLSFFRALLPGRTITDPDLLKSSNVDWLKTVQ GSSDVLLRPKTTTEGVSQILRYCNERNLAVCPQGGNTGLVGGSVPVFDEIILSTS LMNQVFAFDNISGILTCQAGCVLENLSHYLEERDFIMPLDLGAKGSCHIGGNVS TNAGGLRLLRYGSLRGTVLGLEVVADGHVNLNCLATLRKDNTGYDLKQLFIGS EGTLGVITAVSILCPRKPKAVNVAFLGCSSFQQLLETFQCCRGMLGEILSAFEF LDASCMNLLKHLKLTNPITECPFYVIETAGSNATHDEEKLHQFLEEVMTSSLV TDGTVATEATKIKALWLSLRERVTEALTHEGYTYKYDISLPVEKIYDLVQDMRRH LGGMAKNVVG YGHVGDGNLHLNITSPSKDFDLLAAIEPYVYEWTSQWKGSISA EHGLGLKKNRYIYYSKPSEAVALMGSIKAMLDPKGILNPYKTLDPDNIN
Research Area	Others
Source	Yeast
Target Names	d2hgdh
Protein Names	Recommended name: D-2-hydroxyglutarate dehydrogenase, mitochondrial EC=1.1.99.-
Expression Region	56-533aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	54.3kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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