

# Recombinant Danio rerio D-2-hydroxyglutarate dehydrogenase, mitochondrial

Catalog No: #AP73001

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Package Size: #AP73001-1 20ug #AP73001-2 100ug #AP73001-3 1mg

## Description

Product Name	Recombinant Danio rerio D-2-hydroxyglutarate dehydrogenase, mitochondrial
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:56-533aaSequence Info:Full Length
Accession No.	A1L258
Uniprot	A1L258
GeneID	565889;
Calculated MW	54.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	ANPANPSAAPPRLPFSRVTDLSFFRALLPGRITITDPDLLKSSNVDWLKTQGGSSDVLRLPKTTEGVSQLRY CNERNLAVCPQGGNTGLVGGSPVDFEILSTSLMNQVFAFDNISGILTCQAGCVLENLSHYLEERDFIMPLDL GAKGSCHIGGNVSTNAGGLRLLRYGSLRGTVLGLEVVADGHVNLCLATLRKDNTGYDLKQLFIGSEGLGVIT AVSILCPKPKAVNVAFLGCSSFQQLLETFQCCRGMLGEILSAFEFLDASCMNLEKHLKLTNPITECPFYIVET AGSNATHDEEKLHQFLEEVMTSSLVTDGTVATEATKIKALWLSLRERVTEALTHEGYTYKYDISLPVEKIYDLVQ DMRRHLGGMAKNVVGYPGHVGDGNLHLNITSPSKDFDLAAIEPYVYEWTSQWKGSISAEHGLGLKKNYIYY SKPSEAVALMGSIKAMLDPKGILNPYKTLDPDNIN
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Catalyzes the oxidation of D-2-hydroxyglutarate to alpha-ketoglutarate.

## References

NIH - Zebrafish Gene Collection (ZGC) projectResearch Topic:Others

Note: This product is for in vitro research use only