



Recombinant *Danio rerio* Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase (dhdh)

Product Code	CSB-EP737350DIL-B
Abbreviation	dhdh
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.	Q642M9
Product Type	Recombinant Protein
Immunogen Species	<i>Danio rerio</i> (Zebrafish) (<i>Brachydanio rerio</i>)
Purity	>85% (SDS-PAGE)
Sequence	MALRWGICSA GKISHDFTVA LRTLPAEQHQ VVAVAARELA HAQEFAQKHS IPRAYGSYEE LAEDPEIDVV YVGTIHPHHL RVGLLFMNAK KNVLCEKPLA MNLKEVQQMI SAARRSDVFL MEAVWTRFFP ASLEISRLLS QNAVGVKLV RADFGAALLG VPRAVQKHLG GGALLDIGIY CIQFVLMVFN GEKPEQIQAS GVCLDTGVDE AMVVTLKFSG HRLAVCTCTV AAELPNEALI VGTEGTIKVP AHMWCPTSLL VNGVETQFPV PDPHPLNFI NSTGMRYEAE EVRRCVLAGL KESSRMSHAD SALLADIMDE ARRQVGVVYS QDSQ
Source	<i>E.coli</i>
Target Names	dhdh
Protein Names	Recommended name: Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase EC=1.3.1.20 Alternative name(s): D-xylose 1-dehydrogenase D-xylose-NADP dehydrogenase EC= 1.1.1.179 Dimeric dihydrodiol dehydrogenase
Expression Region	1-334
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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.