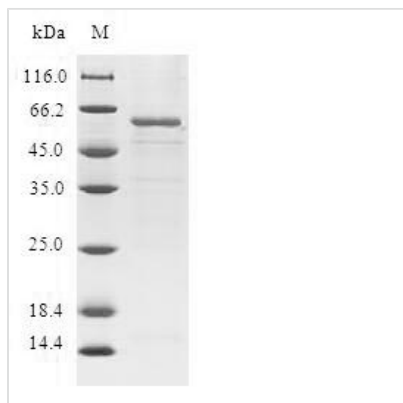




Recombinant Human Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase (DHDH)

Product Code	CSB-EP890780HU
Abbreviation	Recombinant Human DHDH 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.	Q9UQ10
Alias	D-xylose 1-dehydrogenase D-xylose-NADP dehydrogenase Dimeric dihydrodiol dehydrogenase Hum2DD
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MALRWGIVSVGLISSDFTAVLQTLPRSEHQVVAVAARDLSRAKEFAQKHDIPKAYGSYEELAKDPSVEVAYIGTQHPQHKAAVMLCLAAGKAVLCEKPTGVNAAEVREMVAEARSRALFLMEAIWTRFFPASEALRSVLAQGTLGDLRVARAEFGKNLIHVPRAVDRAQAGGALLDIGIYCVQFTSMVFGGQKPEKISVVGRRHETGVDDTVTVLLQYPGEVHGSFTCSITVQLSNTASVSGTKGMVQLLNPCWCPTLVVKGGEHKEFPLPPVPKDCNFDNGAGMSYEAKHVWECLRKGMKESVIPLESELLADILEEVRKAIGVTFPQDKR
Research Area	others
Source	E.coli
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 Hum2DD
Expression Region	1-334aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	63.4kDa
Protein Length	Full Length
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°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.