



Recombinant Danio rerio 4-hydroxyphenylpyruvate dioxygenase (hpd)

Product Code	CSB-EP010698DIL
Abbreviation	hpd
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.	Q6TGZ5
Product Type	Recombinant Protein
Immunogen Species	Danio rerio (Zebrafish) (Brachydanio rerio)
Purity	>85% (SDS-PAGE)
Sequence	MTSYTDKGEK PERGKFLNFH HIKFWVGNKQAAVFYCDKF GFEPLAYKGL ETGSREVVSH AVRQDKIIFV FESALNPGNE EMGEHMIKHG DGVKDVAFLV EDCDFLVKKA KERGA AVLKE PWVEQDAGGK VKYAI VQTYG DTTHTFVEYL GPYKGLFLPG YKEPLFRDPL LPKLPSGHLS FIDHIVGNQP DDEMVPVSDW YQKCLLFHRF WSIDDKQIHT EYSALRSIVV TNYEETIKMP INEPAMGKKK SQIQEYIDYN GGPGVQHIAL NTSNIIQAIV NLRARGLEFL SAPDNYYESL REKLKTAKIK VKEDLKT LQE LKILVDFDDK GYLLQIFTKP VQDRPTLFLE VIQRNNHFGF GAGNFKSLFE AIEKDQDARG NLTVLTAQNN SVSKAFQ
Source	E.coli
Target Names	hpd
Protein Names	Recommended name: 4-hydroxyphenylpyruvate dioxygenase EC= 1.13.11.27 Alternative name(s): 4-hydroxyphenylpyruvic acid oxidase Short name= 4HPPD Short name= HPD Short name= HPPDase
Expression Region	1-397
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.