



# Recombinant Danio rerio 4-hydroxyphenylpyruvate dioxygenase (hpd)

<b>Product Code</b>	CSB-BP010698DIL
<b>Abbreviation</b>	hpd
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q6TGZ5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Danio rerio (Zebrafish) (Brachydanio rerio)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTSYTDKGEK PERGKFLNFH HIKFWVGNK QAAVFYCDKF GFEPLAYKGL ETGSREVVSH AVRQDKIIFV FESALNPGNE EMGEHMIKHG DGVKDVAFLV EDCDFLVKKA KERGA AVLKE PWVEQDAGGK VKY AIVQTYG DTTHTFVEYL GPYKGLFLPG YKEPLFRDPL LPKLPSGHLS FIDHIVGNQP DDEMVPVSDW YQKCLLFHRF WSIDDKQIHT EYSALRSIVV TNYEETIKMP INEPAMGKKK SQIQEYIDYN GGPGVQHIAL NTSNIIQAIV NLRARGLEFL SAPDNYYESL REKLKTAKIK VKEDLKTLE LKILVDFDDK GYLLQIFTKP VQDRPTLFLE VIQRNNHFGF GAGNFKSLFE AIEKDQDARG NLTVLTAQNN SVSKAFQ
<b>Source</b>	Baculovirus
<b>Target Names</b>	hpd
<b>Protein Names</b>	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
<b>Expression Region</b>	1-397
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.