



# Recombinant Arabidopsis thaliana 4-hydroxyphenylpyruvate dioxygenase (HPD)

<b>Product Code</b>	CSB-MP010698DOA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P93836
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MGHQNAAVSE NQNHDDGAAS SPGFKLVGFS KFVRKNPKSD KFKVKRFHHI EFWCGDATNV ARRF SWGLGM RFS AKSDLST GNMVHASYLL TSGDLRFLFT APYSPSL SAG EIKPTTTASI PSFDHGSCRS FFSSHGLGVR AVAIEVEDAE SAFSISVANG AIPSSPPIVL NEAVTIAEVK LYGDVVLRYV SYKAEDTEKS EFLPGFERVE DASSFPLDYG IRRLDHAVGN VPELGPALTY VAGFTGFHQF AEFTADDVGT AESGLNSAVL ASNDEMVL LP INEPVHGTKR KSQIQTYLEH NEGAGLQHLA LMS EDIFRTL REMRKRSSIG GFDFMPSPPP TYYQNLKKRV GDVLSDDQIK ECEELGILVD RDDQGTLLQI FTKPLGDRPT IFIEIIQRVG CMMKDEEGKA YQSGGCGGFG KGNFSELFKS IEEYEK TLEA KQLVG
<b>Source</b>	Mammalian cell
<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>	1-445
<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.