



Recombinant Arabidopsis thaliana Formate dehydrogenase, mitochondrial (FDH1)

Product Code	CSB-EP890273DOA-B
Abbreviation	FDH1
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.	Q9S7E4
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	FNA SSGDSKKIVG VFYKANEYAT KNPNFLGCVE NALGIRDWLE SQGHQYIVTD DKEGPDCELE KHIPDLHVLI STPFHPAYVT AERIKKAKNL KLLLTAGIGS DHIDLQAAAA AGLTVAEVTG SNVVSVAEDE LMRILILMRN FVPGYNQVVK GEWNVAGIAY RAYDLEGKTI GTVGAGRIGK LLLQRLKPFQ CNLLYHDRLQ MAPELEKETG AKFVEDLNEM LPKCDVIVIN MPLTEKTRGM FNKELIGKLG KGV LIVNNAR GAIMERQAVV DAVESGHIGG YSGDVWDPQP APKDHPWRYM PNQAMTPHTS GTTIDAQLRY AAGTKDMLER YFKGEDFPTE NYIVKDGELA PQYR
Source	E.coli
Target Names	FDH1
Protein Names	Recommended name: Formate dehydrogenase, mitochondrial EC= 1.2.1.2 Alternative name(s): NAD-dependent formate dehydrogenase Short name= FDH
Expression Region	28-384
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 of Mature 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.