



Recombinant *Pseudomonas putida* (S)-mandelate dehydrogenase

Product Code	CSB-EP324107FFZ
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.	P20932
Product Type	Recombinant Protein
Immunogen Species	<i>Pseudomonas putida</i> (<i>Arthrobacter siderocapsulatus</i>)
Purity	>85% (SDS-PAGE)
Sequence	MSQNLFNVED YRKLKQKRLP KMVYDYLEGG AEDEYGVKHN RDVFQQWRFK PKRLVDVSRR SLQAEVLGKR QSMPLLIGPT GLNGALWPKG DLALARAATK AGIPFVLSTA SNMSIEDLAR QCDGDLWFQL YVIHREIAQG MVLKALHTGY TTLVLTTDVA VNGYRERDLH NRFKIPMSYS AKVVLGCLH PRWSLDFVRH GMPQLANFVS SQTSSLEMQA ALMSRQMDAS FNWEALRWLR DLWPHKLLVK GLLSAEDADR CIAEGADGVI LSNHGGRQLD CAISPMEVLA QSVAKTGKPV LIDSGFRRGS DIVKALALGA EAVLLGRATL YGLAARGETG VDEVLTLLKA DIDRTLAQIG CPDITSLSPD YLQNEGVTNT APVDHLIGKG THA
Source	E.coli
Target Names	mdIB
Protein Names	Recommended name: (S)-mandelate dehydrogenase EC= 1.1.99.31 Alternative name(s): L(+)-mandelate dehydrogenase Short name= MDH
Expression Region	1-393
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.