



Recombinant Zea mays Alcohol dehydrogenase class-3 (FDH)

Product Code	CSB-EP001357ZAX
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P93629
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	≥85% (SDS-PAGE)
Sequence	MASPTQGQVI TCKAAVAYEP NKPLVIEDVQ VAPPQAGEVR VKILFTALCH TDHYTWSGKD PEGLFPCILG HEAAGIVESV GEGVTDVQPG DHVIPCYQAE CKECKFCKSG KTNLCGKQRS ATGVGVMMND MKSRFSVNGK PIYHFMGTST FSQYTVVHDV SVAKINPQAP LDKVCLLGGC VPTGLGAVWN TAKVESGSVV AVFGLGTVGL AVAEGAKAAG ASRVIGIDID NKKFDVAKNF GVTEFVNPKE HDKPIQQVLV DLTGGVDYS FECIGNVSIM RAALECSDKG WGTSVIVGVA ASGQEISTRP FQLVTGRVWK GTAFFGGFKSR TQVPWLVDKY MKKEIKVDEY ITHNMNLADI NDAFHLLHEG GCLRCVLAMQ I
Source	E.coli
Target Names	FDH
Protein Names	Recommended name: Alcohol dehydrogenase class-3 EC= 1.1.1.1 Alternative name(s): Alcohol dehydrogenase class-III Glutathione-dependent formaldehyde dehydrogenase Short name= FALDH Short name= FDH Short name= GSH-FDH
Expression Region	1-381
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.