



# Recombinant Zea mays Alcohol dehydrogenase class-3 (FDH)

<b>Product Code</b>	CSB-EP001357ZAX-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P93629
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Zea mays (Maize)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MASPTQGQVI TCKAAVAYEP NKPLVIEDVQ VAPPQAGEVR VKILFTALCH TDHYTWSGKD PEGLFPCILG HEAAGIVESV GEGVTDVQPG DHVIPCYQAE CKECKFCKSG KTNLCGKQRS ATGVGVMND MKSRFSVNGK PIYHFMGTST FSQYTVVHDV SVAKINPQAP LDKVCLLGG VPTGLGAVWN TAKVESGSVV AVFGLGTVGL AVAEGAKAAG ASRVIDID NKKFDVAKNF GVTEFVNPKE HDKPIQQVLV DLTGGVDYS FECIGNVSIM RAALECSDBG WGTSVIVGVA ASGQEISTRP FQLVTGRVWK GTAFFGFKSR TQVPWLVDKY MKKEIKVDEY ITHNMNLADI NDAFHLLHEG GCLRCVLAMQ I
<b>Source</b>	E.coli
<b>Target Names</b>	FDH
<b>Protein Names</b>	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
<b>Expression Region</b>	1-381
<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.