



Recombinant *Oryza sativa* subsp. *indica* Alcohol dehydrogenase class-3 (ADHIII)

Product Code	CSB-EP001357OFF
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A2XAZ3
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>indica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MASSTQGQVI TCKAAVAWEA NKPMTIEDVQ VAPPQAGEVR VKILFTALCH TDHYTWSGKD PEGLFPCILG HEAAGIVESV GEGVTEVQPG DHVIPCYQAE CRECKFCKSG KTNLCGKVRA ATGVGVMMND RKSRSFINGK PIYHFMGTST FSQYTVVHDV SVAKINPQAP LDKVCLLGG VSTGLGAVWN TAKVEAGSIV AIFGLGTVGL AVAEGAKSAG ASRIIGIDID SKKFDVAKNF GVTEFVNPKE HDKPIQQVIV DLTGDDVDYS FECIGNVSVM RSALECCHKG WGTSVIVGVA ASGQEISTRP FQLVTGRVWK GTAFFGGFKSR SQVPWLVEKY LNKEIKVDEY VTHSMNLTDI NKAFDLLHEG GCLRCVLATD K
Source	E.coli
Target Names	ADHIII
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.