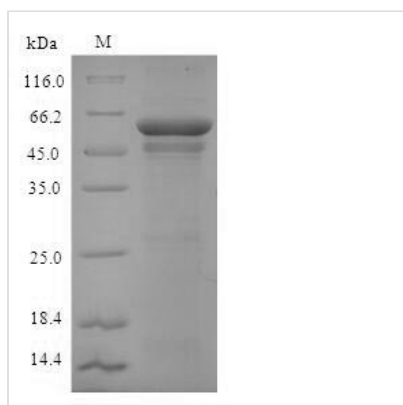




Recombinant Arabidopsis thaliana Alcohol dehydrogenase class-3 (ADH2)

Product Code	CSB-EP842610DOA
Relevance	Plays a central role in formaldehyde detoxification.
Abbreviation	ADH2
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.	Q96533
Alias	Alcohol dehydrogenase class-III Glutathione-dependent formaldehyde dehydrogenase
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	ATQGGQVITCKAAVAYEPNKPLVIEDVQVAPPQAGEVRIKILY TALCHT DAYTWS GKDPEGLFPCILGHEAAGIVESVGEGVTEVQAGDHVIPC YQAECRECKFCKSG KTNLCGKVR SATGVGIMMNDRKS RFSVNGKPIYHFMGTSTFSQYTVVHDVSV AKIDPTAPLDKVCLLGCGVPTGLGAVWNTAKVEPGSNVAIFGLGTVGLAVAEG AKTAGASRIIGIDIDSKKYETAKKFGVNEFVNPKDHDKPIQEIVVDLTDGGVDYS FECIGNVSVMRAALECCHKGWGTSVIVGVAASGQEISTRPFQLVTGRVWKG T AFGGFKSRTQVPWLVEKYMNKEIKVDEYITHNLTLGEINKAFDLLHEGTCLRCV LDTSK
Lead Time	3-7 business days
Source	E.coli
Gene Names	ADH2
Protein Names	Recommended name: Alcohol dehydrogenase class-3 EC= 1.1.1.1Alternative name(s): Alcohol dehydrogenase class-III Glutathione-dependent formaldehyde dehydrogenase Short name= FALDH Short name= FDH Short name= GSH-FDH EC=
Expression Region	2-379aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	44.7kDa
Protein Description	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.