



Recombinant Arabidopsis thaliana Aldehyde dehydrogenase family 3 member H1 (ALDH3H1)

Product Code	CSB-EP741095DOA-B
Abbreviation	ALDH3H1
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.	Q70DU8
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MAAKKVFVGS A EASNLVTELR RSFDDGVTRG YEWVRTQLKK LMIICDNHEP EIVAALRDD L GKPELESSVY EVSLLRNSIK LALKQLKNWM APEKAKTSLT TFPASAEIVS EPLGVVLVIS AWNYPFLLSI DPVIGAISAG NAVVLKPSEL APASSALLTK LLEQYLDPSA VRVVEGAVTE TSALLEQKWD KIFYTGSSKI GRVIMAAAAK HLTPVVLELG GKSPVVVDS D TDLKVTVRR I IVGKWGCNNG QACVSPDYIL TTKEYAPKLI DAMKLELEKF YGKNPIESKD MSRIVNSNHF DRLSKLLDEK EVSDKIVYGG EKDRENKIA PTILLDVPLD SLIMSEEIFG PLLPI TLNN LEESFDVIRS RPKPLAAYLF THNKCLKERF AATVSAGGIV VNDIAVHLAL HTLPFGGVGE SGMGAYHGKF SFDAFSHKKA VLYRSLFGDS AVRYPPYSRG KLRLLKALVD SNIFDLFKVL LGLA
Source	E.coli
Target Names	ALDH3H1
Protein Names	Recommended name: Aldehyde dehydrogenase family 3 member H1 Short name= AtALDH4 EC= 1.2.1.3
Expression Region	1-484
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.