

Alcohol dehydrogenase class-3 (ADH2) Recombinant Protein | ADH2 recombinant protein

Recombinant Arabidopsis thaliana Alcohol dehydrogenase class-3 (ADH2)

CATALOG #
AAA117672

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

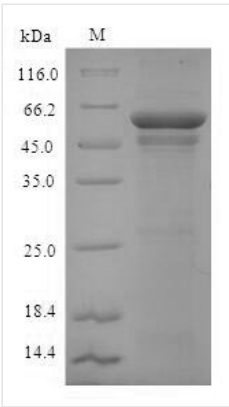
PRODUCT SYNONYMS

Alcohol dehydrogenase class-3 (ADH2); Recombinant Arabidopsis thaliana Alcohol dehydrogenase class-3 (ADH2); Alcohol dehydrogenase class-3; EC=1.1.1.1; Alcohol dehydrogenase class-III; Glutathione-dependent formaldehyde dehydrogenase; FALDH; FDH; GSH-FDH; EC=1.1.1.-; S-(hydroxymethyl)glutathione dehydrogenase; EC=1.1.1.284; ADH2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-379aa; Full Length of Mature Protein
Sequence	ATQGQVITCK AAVAYEPNKP LVIEDVQVAP PQAGEVRIKI LYTALCHTDA YTWSGKDPEG LFPCILGHEA AGIVESVGEG VTEVQAGDHV IPCYQAECRE CKFCKSGKTN LCGKVR SATG VGIMMNDRKS RFSVNGKPIY HFMGTSTFSQ YTVVHDVSA KIDPTAPLDK VCLLGCGVPT GLGAVWNTAK VEPGSNVAIF GLGTVGLAVA EGAKTAGASR IIGIDIDSKK YETAKKFGVN EFVNP KDHDK PIQEVIVDLT DGGVDYSFEC IGNV SVMRAA LECCHKGWGT SVIVGVAASG QEISTRPFQL VTGRVWKGT A FGGFKSRTQV PWLVEKYMNK EIKVDEYITH NLT LGEINKA FDLLHEGTCL RCVLDTSK
Sequence Length	379
Species	Arabidopsis thaliana (Mouse-ear cress)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ADH2 recombinant protein	Plays a central role in formaldehyde detoxification.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15240054
NCBI GeneID	834417
NCBI Accession #	NP_199207.1
NCBI GenBank Nucleotide #	NM_123761.3
UniProt Accession #	Q96533; Q0WWE1; Q43384; Q9FND2
Molecular Weight	44.7 kDa
NCBI Official Full Name	alcohol dehydrogenase class-3
NCBI Official Symbol	HOT5
NCBI Official Synonym Symbols	ADH2; ALCOHOL DEHYDROGENASE 2; ATGSNOR1; FALDH; GLUTATHIONE-DEPENDENT FORMALDEHYDE DEHYDROGENASE; GSNOR; HOT5; MRH10.4; MRH10_4; PAR2; PARAQUAT RESISTANT 2; S-NITROSOGLUTATHIONE REDUCTASE; sensitive to hot temperatures 5
NCBI Protein Information	alcohol dehydrogenase class-3
UniProt Protein Name	Alcohol dehydrogenase class-3
UniProt Gene Name	ADH2
UniProt Synonym Gene Names	ADHIII; FDH1; FALDH; FDH; GSH-FDH
UniProt Entry Name	ADHX_ARATH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/adh2-recombinant-protein-e-coli/117672>