

Retinal dehydrogenase 2 (ALDH1A2) Recombinant Protein | ALDH1A2 recombinant protein

Recombinant Human Retinal dehydrogenase 2 (ALDH1A2)

CATALOG #
AAA114362

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

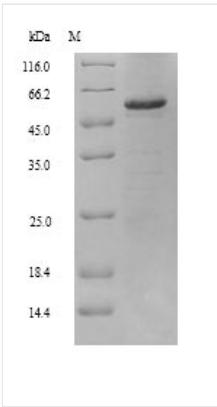
PRODUCT SYNONYMS

Retinal dehydrogenase 2 (ALDH1A2); Recombinant Human Retinal dehydrogenase 2 (ALDH1A2); Retinal dehydrogenase 2; RALDH 2; RaIDH2; EC=1.2.1.36; Aldehyde dehydrogenase family 1 member A2; Retinaldehyde-specific dehydrogenase type 2; RALDH(II); ALDH1A2 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	1-518aa; Full Length
Sequence	MTSSKIEMPG EVKADPAALM ASLHLLPSPT PNLEIKYTKI FINNEWQNSE SGRVFPVYNP ATGEQVCEVQ EADKADIDKA VQAARLAFSL GSVWRRMDAS ERGRLLDKLA DLVERDRAVL ATMESLNGGK PFLQAFYVDL QGVIKTFRY Y AGWADKIHGM TIPVDGDYFT FTRHEPIGVC GQIIPWNFPL LMFAWKIAPA LCCGNTVVIK PAEQTPLSAL YMGALIKEAG FPPGVINILP GYGPTAGAAI ASHIGIDKIA FTGSTEVGKL IQEAAGRSNL KRVTLLEGGK SPNIIFADAD LDYAVEQAHQ GVFFNQGCC TAGSRIFVEE SIYEEFVRRS VERAKRRVVG SPFDPTTEQG PQIDKKQYNK ILELIQSGVA EGAKLECGGK GLGRKGFFIE PTVFSNVTTDD MRIAKEEIFG PVQEILRFKT MDEVIERANN SDFGLVAAVF TNDINKALTV SSAMQAGTVW INCYNALNAQ SPFGGFKMSG NGREMGEFGL REYSEVKTVT VKIPQKNS
Species	Homo sapiens (Human)
Production Note	Special Offer: The Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. Yeasthost-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 Yeast 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 Yeast 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

NCBI AND UNIPROT INFORMATION

NCBI GI #	332634711
NCBI GeneID	8854
NCBI Accession #	NP_001193826.1
NCBI GenBank Nucleotide #	NM_001206897.1
UniProt Accession #	O94788; Q2PJS6; Q8NHQ4; Q9UBR8; Q9UFY0; B3KY52; B4DZR2; F5H2Y9; H0YM00
Molecular Weight	58.7 kDa
NCBI Official Full Name	retinal dehydrogenase 2 isoform 4
NCBI Official Synonym Full Names	aldehyde dehydrogenase 1 family, member A2
NCBI Official Symbol	ALDH1A2
NCBI Official Synonym Symbols	RALDH2; RALDH2-T; RALDH(II)
NCBI Protein Information	retinal dehydrogenase 2; RALDH 2; retinaldehyde-specific dehydrogenase type 2
UniProt Protein Name	Retinal dehydrogenase 2
UniProt Gene Name	ALDH1A2
UniProt Synonym Gene Names	RALDH2; RALDH 2; RalDH2; RALDH(II)
UniProt Entry Name	AL1A2_HUMAN

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.