

Aldehyde Dehydrogenase 1 Family, Member A3 (ALDH1A3) Recombinant Protein | ALDH1A3 recombinant protein

Recombinant Aldehyde Dehydrogenase 1 Family, Member A3 (ALDH1A3)

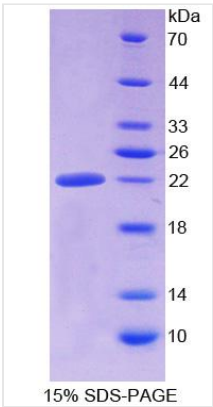
CATALOG # AAA134141	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Aldehyde Dehydrogenase 1 Family; Member A3 (ALDH1A3); Recombinant Aldehyde Dehydrogenase 1 Family; ALDH1A3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSGSEF-RR SVEYAKKRPV GDPFDVKTEQ GPQIDQKQFD KILELIESGK KEGAKLECGG SAMEDKGLFI KPTVFSEVTD NMRIAKEEIF GPVQPILKFK SIEEVIKRAN STDYGLTAAV FTKNLDKALK LASALES GTV WINCYNALYA QAPFGGFKMS GNGRELGEYA LAEYTEVKTV TIKLGD
Sequence Length	512
Applicable Applications for ALDH1A3 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Arg332~Asp509 (Accession # P47895) with N-terminal His-Tag
Predicted isoelectric point	6.6
Predicted Molecular Mass	21.2kDa
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile ddH2O.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	153266822
NCBI GeneID	220
NCBI Accession #	NP_000684.2
NCBI GenBank Nucleotide #	NM_000693.2
UniProt Accession #	P47895; Q6NT64
NCBI Official Full Name	aldehyde dehydrogenase family 1 member A3
NCBI Official Synonym Full Names	aldehyde dehydrogenase 1 family, member A3
NCBI Official Symbol	ALDH1A3
NCBI Official Synonym Symbols	ALDH6; MCOP8; RALDH3; ALDH1A6
NCBI Protein Information	aldehyde dehydrogenase family 1 member A3; RALDH-3; aldehyde dehydrogenase 6; acetaldehyde dehydrogenase 6; retinaldehyde dehydrogenase 3
UniProt Protein Name	Aldehyde dehydrogenase family 1 member A3
UniProt Gene Name	ALDH1A3
UniProt Synonym Gene Names	ALDH6; RALDH-3; RaLDH3
UniProt Entry Name	AL1A3_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.

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Online datasheet: <https://stage.aaabiotech.com/aldh1a3-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134141>