

Datasheet for ABIN7562162
Aldh3b3 Protein (AA 1-479) (His tag)



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Overview

Quantity:	1 mg
Target:	Aldh3b3
Protein Characteristics:	AA 1-479
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Aldh3b3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Aldh3b3 Protein expressed in mammalien cells.
Sequence:	<p>MSTKGKHPRA DQGTDPFE EK LQRLKEAFNT GKTKTAKFRA EQLQSLGRFL QDNSKQLHDA LDGDLGKSGF ESDMSEILC ENEVDLALKN LQWWMKDEPV STNLLTKLST AFIRKEPFGL VLIAPWNYP VNLMIPLVG AIAAGNCVVL KPSEISKNT EKVLAELL PQY LDQSCFAVML GGPEETGQLL EHKFDYIFFT GSPRVGKIVM TAAAKHLTPI TLELGKKNPC YVDDNCDPQT VANRVAWFRY FNAGQTCVAP DYILCSQEMQ EQLVPALQNA ITRFYGDNPQ TSPNLGRIIN QKHKFKRLQGL LGCGRVAIGG QSDEGERYIA PTVLVDVQET EPVMQEEIFG PILPLVTVRS LDEAIEFMNQ REKPLALYAY SNNAEVIKQV LARTSSGGFC GNDGFMYMTL SSLPFGGVGS SGMGRYHGKF SFDTF SNQRA CLLSCPGMEK LNGLRYPPYS PRRQQLLRWA IGSECTLL</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>

Product Details

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

Aldh3b3

Alternative Name:

Aldh3b3

Background:

Aldehyde dehydrogenase family 3 member B3 (EC 1.2.1.3),FUNCTION: Oxidizes medium and long chain aldehydes into non-toxic fatty acids. {ECO:0000269|PubMed:25286108}.

Molecular Weight:

53.1 kDa

UniProt:

[J3QMK6](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months