

Datasheet for ABIN7559415

ALDH1L2 Protein (AA 1-923) (His tag)



[Go to Product page](#)

Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | ALDH1L2 |
| Protein Characteristics: | AA 1-923 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ALDH1L2 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

| | |
|-----------|---|
| Purpose: | Custom-made recombinat Aldh1l2 Protein expressed in mammalian cells. |
| Sequence: | <p>MLWRGSQALR HFSTSRVYFK NKLKLALIGQ SLFGQEVYSQ LLKEGHRVVG VFTVPDKDGK</p> <p>ADPLALAAEK DGTPVFKFPR WRLKGKTIKE VAEAYQSVGA ELNVLPFCTQ FIPMDVIDSP</p> <p>KHGSIIYHPS LLPRHRGASA INWTLIMGDK KAGFSVFWAD DGLDTGPILL QRSCDVKPND</p> <p>TVDSLYNRFL FPEGIKAMVE AVQLIADGKA PRTPQPEEGA TYEGIQKKEN AEVSWDQPAE</p> <p>GLHNWIRGHD KVPGAWEIN GQMVTFGSS LLTSSVPSGE PLDIRGAKKP GLVTKNGLVL</p> <p>FGNDGKALMV RNLQFEDGKM IPASQYFSAG ETSVVELTAE ELKVAETIKV IWARILSNT</p> <p>VIEDSTDFFK SGASSMDVVR LVEEIRQSCG GLQLQNEVDY MATKFGDFIQ KVVRRLRGED</p> <p>EEAEMVVDYV SKEVNGMTVK IPYQCFINGQ FVDAEDGETY ATVNPTDGT ICRVSYASLA</p> <p>DVDRAVAAAK DAFENGWGR MNARDRGRML YRLADLMEEN QEELATIEAL DSGAVYTLAL</p> <p>KTHIGMSVQT FRYFAGWCDK IQGSTIPINQ ARPNYNLTFT KKEPLGACAI IIPWNYPLMM</p> <p>LAWKSAACLA AGNTLVLPKA QVTPLTALKF AELTVKAGFP KGVINIIPGS GGVAGQRLSQ</p> |

HPDIRKLGFT GSTSVGKQIM KSCAVSNLKK VSLELGGKSP LIIFSDCDLE KAVRMGMGAV
FFNKGENCIA AGRLFVEEAI HDEFVTRVVE EIKKMKIGDP LDRSTDHGPQ NHRAHLEKLL
QYCETGVQEG ATLVYGGGRQV QRPGEFFMEPT VFTGVEDHMY LAKEESFGPI MVISKFQNGD
IDGVLQRANN TEYGLASGVF TRDINKAMYV SDKLEAGTVF INTYNKTDVA APFGGMKQSG
FGKDLGEEAL NEYLKIKTVT LEY **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.**

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:

ALDH1L2

Alternative Name:

Aldh1l2 ([ALDH1L2 Products](#))

Background:

Mitochondrial 10-formyltetrahydrofolate dehydrogenase (Mitochondrial 10-FTHFDH) (mtFDH) (EC 1.5.1.6) (Aldehyde dehydrogenase family 1 member L2),FUNCTION: Mitochondrial 10-formyltetrahydrofolate dehydrogenase that catalyzes the NADP(+)-dependent conversion of 10-formyltetrahydrofolate to tetrahydrofolate and carbon dioxide.
{ECO:0000269|PubMed:33168096}.

Molecular Weight:

101.6 kDa

Target Details

UniProt: [Q8K009](#)

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