

Datasheet for ABIN7551914

ALDH16A1 Protein (AA 1-802) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ALDH16A1
Protein Characteristics:	AA 1-802
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALDH16A1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ALDH16A1 Protein expressed in mammalien cells.
Sequence:	MAATRAGPRA REIFTSLEYG PVPESHACAL AWLDTQDRCL GHYVNGKWLK PEHRNSVPCQ DPITGENLAS CLQAQEDVA AAVEAARMAF KGWSAHPGVV RAQHLTRLAE VIQKHQRLLW TLESLVTGRA VREVRDGDVQ LAQQLLHYHA IQASTQEEAL AGWEPMGVIG LILPPTFSFL EMMWRICPAL AVGCTVVALV PPASPAPLLL AQLAGELGPF PGILNVLSGP ASLVPILASQ PGIRKVAFCG APEEGRALRR SLAGECAELG LALGTESLLL LTDTADVDSA VEGVDAAWS DRGPGGLRLL IQESVWDEAM RRLQERMGR LRSRGLDGAV DMGARGAAAC DLVQRFVREA QSQAQVFQA GDVPSERPFY PPTLVSNLPP ASPCAQVEVP WPVVVASPFR TAKEALLVAN GTPRGGASV WSERLGQALE LGYGLQVGTV WINAHGLRDP SVPTGGCKES GCSWHGGPDG LYEYLRPSGT PARLSCLSKN LNYDTFGLAV PSTLPAGPEI GPSPAPPYGL FVGGRFQAPG ARSSRPIRDS SGNLHGYVAE GGAKDIRGAV EAAHQAFPGW AGQSPGARAA LLWALAAALE RRKSTLASRL ERQGAELKAA EAEVELSARR LRAWGARVQA QGHTLQVAGL RGPVLRRLREP

Product Details

LGVLAVCPD EWPLLAFVSL LAPALAYGNT VVMVPSAACP LLALEVCQDM ATVFPAAGLAN
VVTGDRDHLT RCLALHQDVQ AMWYFGSAQG SQFVEWASAG NLKPVWASRG CPRAWQDEAE
GAGPELGLRV ARTKALWLPM GD **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:

ALDH16A1

Alternative Name:

ALDH16A1 ([ALDH16A1 Products](#))

Background:

Aldehyde dehydrogenase family 16 member A1

Molecular Weight:

85.1 kDa

UniProt:

[Q8IZ83](#)

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

Application Details

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