

Datasheet for ABIN7551903
ADAL Protein (AA 1-355) (His tag)



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Overview

Quantity:	1 mg
Target:	ADAL
Protein Characteristics:	AA 1-355
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADAL protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat ADAL Protein expressed in mammalian cells.
Sequence:	<p>MIEAEEQGPC KTDIFYSELPK VELHAHLNGS ISSHTMKKLI AQKPDLEIHD QMTVIDKGKK RTLEECFQMF QTIHQLTSSP EDILMVT KDV IKEFADDGVK YLELRSTPRR ENATGMTKKT YVESILEGIK QSKQENLDID VRYLIAVDRR GGPLVAKETV KLAEEFFLST EGTVLGLDLS GDPTVGQAKD FLEPLLEAKK AGLKLALHLS EIPNQKKETQ ILLDLLPDRI GHGTFLNSGE GGSLDLVDFV RQHRIPLELC LTSNVKSQTV PSYDQH HFGF WYSIAHPSVI CTDDKGVFAT HLSQEYQLAA ETFNLTQSQV WDLSESYESINY IFASDSTRSE LRKKWNHLKP RVLHI</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>
Characteristics:	Key Benefits:

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	ADAL
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Alternative Name:	ADAL (ADAL Products)
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Background:	Adenosine deaminase-like protein (EC 3.5.4.-) (Adenosine deaminase-like protein isoform 1) (N6-mAMP deaminase) (HsMAPDA) (N6-methyl-AMP aminohydrolase),FUNCTION: Catalyzes the hydrolysis of the free cytosolic methylated adenosine nucleotide N(6)-methyl-AMP (N6-mAMP) to produce inositol monophosphate (IMP) and methylamine (PubMed:21755941, PubMed:29884623). Is required for the catabolism of cytosolic N6-mAMP, which is derived from the degradation of mRNA containing N6-methylated adenine (m6A) (PubMed:21755941, PubMed:29884623). Catalyzes the removal of different alkyl groups not only from N6-substituted purine or 2-aminopurine nucleoside monophosphates but also from O6-substituted compounds in vitro (PubMed:21755941). {ECO:0000269 PubMed:21755941, ECO:0000269 PubMed:29884623}.
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Molecular Weight:	40.3 kDa
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UniProt:	Q6DHV7
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Pathways:	Ribonucleoside Biosynthetic Process
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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.
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Restrictions:	For Research Use only
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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