

Datasheet for ABIN7558312

ADAL Protein (AA 1-360) (His tag)



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Overview

Quantity:	1 mg
Target:	ADAL
Protein Characteristics:	AA 1-360
Origin:	Mouse
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:	MEAGQQWPGK TDFYLQLPKV ELHAHLNGSI SSSTMKKLIA KKPHLNVHGH MTMIDKGKKR TLQECFQMFQ VIHQLTTSAE DILMVTKDVI KEFADDGVKY LELRSTPREE NATGMTRKTY VESVLEGIKQ CKQENLDIDV RYLMAIDRRG GPTIARETVE LAKEFFLSTE NTVLGLDLSG DPTIGQANDF LEPLLEAKKA GLKLALHLAE IPNREKENQM LLSLLPDRIG HGTFLSASEA GALDQVDFVR QHQIPLELCL TSNISQTV P SYDQHHFGFW YSIAHPSVIC TDDKGVFATY LSQEYQLAAE TFNLTPFQVW DLSYESINYI FACDNTRSEL RKRWTHLKQK VLNCNEVNYF 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:

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.-),FUNCTION: Catalyzes the hydrolysis of the free cytosolic methylated adenosine nucleotide N(6)-methyl-AMP (N6-mAMP) to produce inositol monophosphate (IMP) and methylamine. Is required for the catabolism of cytosolic N6-mAMP, which is derived from the degradation of mRNA containing N6-methylated adenine (m6A). {ECO:0000250 UniProtKB:Q6DHSV7}.
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Molecular Weight:	41.0 kDa
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UniProt:	Q80SY6
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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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Application Details

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