

Datasheet for ABIN7551963

AIMP2 Protein (AA 1-320) (His tag)



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Overview

Quantity:	1 mg
Target:	AIMP2
Protein Characteristics:	AA 1-320
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AIMP2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant AIMP2 Protein expressed in mammalian cells.
Sequence:	<p>MPMYQVKPYH GGGAPLRVEL PTCMYRLPNV HGRSYGPAPG AGHVQEESEN SLQALESRQD</p> <p>DILKRLYELK AAVDGLSKMI QTPDADLDVT NIIQADEPTT LTTNALDLNS VLGKDYGALK</p> <p>DIVINANPAS PPLSLLVLHR LLCEHFRVLS TVHTHSSVKS VPENLLKCFG EQNKKQPRQD</p> <p>YQLGFTLIWK NVPKTQMKFS IQTMCPIEGE GNIARFLFSL FGQKHNAVNA TLIDSWVDIA</p> <p>IFQLKEGSSK EKA AVFRSMN SALGKSPWLA GNELTVADV LWSVLQQIGG CSVTPANVQ</p> <p>RWMRSCENLA PFNTALKLLK 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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	AIMP2
Alternative Name:	AIMP2 (AIMP2 Products)
Background:	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2 (Multisynthase complex auxiliary component p38) (Protein JTV-1),FUNCTION: Required for assembly and stability of the aminoacyl-tRNA synthase complex (PubMed:19131329). Mediates ubiquitination and degradation of FUBP1, a transcriptional activator of MYC, leading to MYC down-regulation which is required for aveolar type II cell differentiation. Blocks MDM2-mediated ubiquitination and degradation of p53/TP53. Functions as a proapoptotic factor. {ECO:0000269 PubMed:16135753, ECO:0000269 PubMed:19131329}.
Molecular Weight:	35.3 kDa
UniProt:	Q13155

Application Details

Application Notes:	We expect the protein to work for functional studies. 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