

Datasheet for ABIN7556160
ARRDC4 Protein (AA 1-415) (His tag)



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Overview

Quantity:	1 mg
Target:	ARRDC4
Protein Characteristics:	AA 1-415
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARRDC4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Arrdc4 Protein expressed in mammalian cells.
Sequence:	<p>MGGEAGADGP RGRVKSLGLV FEDESKGCYS SGETVAGHVL LEAAEPVALR GLRLEAQGRA TSAWGPSAGA RVCIGGGSPA ASSEVEYLNL RLSLLEAPAG EGVTL LQPGK HEFPFRFQLP SEPLATSFTG KYGSIQYCVR AVLERPQVPD QSVRRELQVV SHVDVNT PPL LTPMLKTQEK MVG CWLFTSG PVSLSVKIER KGYCNGE AIP IYAEIENCSS RL VVPKAAIF QTQTYLASGK TKTVRHMVAN VRGNHIGSGS TDTWNGKMLK IPPVTPSILD CCIIRDVDSL AVYIHIPGAK RLMLELPLVI GTIPYSGFGR RNSSVASQFS MDMCW LALAL PEQPEAPPNY ADVVSEEEFS RHVPPYPQPS DCDGEACYSM FACIQEFRFQ PPPLYSEVDP HPGDAQETQP VSFIL 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.

Product Details

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

ARRDC4

Alternative Name:

Arrdc4 ([ARRDC4 Products](#))

Background:

Arrestin domain-containing protein 4,FUNCTION: Functions as an adapter recruiting ubiquitin-protein ligases to their specific substrates (PubMed:27462458). Plays a role in endocytosis of activated G protein-coupled receptors (GPCRs) (By similarity). Through an ubiquitination-dependent mechanism also plays a role in the incorporation of SLC11A2 into extracellular vesicles (PubMed:27462458). May play a role in glucose uptake (By similarity). Participates in innate immune response by promoting IFIH1/MDA5 activation through interaction with TRIM65 (By similarity). {ECO:0000250|UniProtKB:Q8NCT1, ECO:0000269|PubMed:27462458}.

Molecular Weight:

45.0 kDa

UniProt:

[A0A0B4J1F4](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

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
