

Datasheet for ABIN7552408
ARRDC1 Protein (AA 1-433) (His tag)



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Overview

Quantity:	1 mg
Target:	ARRDC1
Protein Characteristics:	AA 1-433
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARRDC1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ARRDC1 Protein expressed in mammalian cells.
Sequence:	MGRVQLFEIS LSHGRVVYSP GEPLAGTVRV RLGAPLPFRA IRVTCIGSCG VSNKANDTAW VVEEGYFNSS LSLADKGLP AGEHSFPFQF LLPATAPTSF EGPFGKIVHQ VRAAIHTPRF SKDHKCSLVF YILSPLNLNS IPDIEQPVA SATKKFSYKL VKTGSVLTASTDLRGYVVG QALQLHADVE NQSGKDTSPV VASLLQKVSY KAKRWIHDVR TIAEVEGAGV KAWRRAQWHE QILVPALPQS ALPGCSLIHI DYYLQVSLKA PEATVTLPVF IGNIAVNHAP VSPRPLGLP PGAPPLVPS APPQEEAEAE AAAGGPHFLD PVFLSTKSHS QRQPLLATLS SVPGAPEPCP QDGSPASHPL HPPLCISTGA TVPYFAEGSG GPVPTTSTLI LPPEYSSWGY PYEAPPSYEQ SCGGVEPSLT PES 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.
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:

ARRDC1

Alternative Name:

ARRDC1 ([ARRDC1 Products](#))

Background:

Arrestin domain-containing protein 1 (Alpha-arrestin 1),FUNCTION: Functions as an adapter recruiting ubiquitin-protein ligases to their specific substrates (PubMed:23886940, PubMed:27462458). Through an ubiquitination-dependent mechanism plays for instance a role in the incorporation of SLC11A2 into extracellular vesicles (PubMed:27462458). More generally, plays a role in the extracellular transport of proteins between cells through the release in the extracellular space of microvesicles (PubMed:22315426). By participating in the ITCH-mediated ubiquitination and subsequent degradation of NOTCH1, negatively regulates the NOTCH signaling pathway (PubMed:23886940). {ECO:0000269|PubMed:22315426, ECO:0000269|PubMed:23886940, ECO:0000269|PubMed:27462458}.

Molecular Weight:

46.0 kDa

UniProt:

[Q8N5I2](#)

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.

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
