

Datasheet for ABIN7558252
ARRDC3 Protein (AA 1-414) (His tag)



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Overview

Quantity:	1 mg
Target:	ARRDC3
Protein Characteristics:	AA 1-414
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARRDC3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Arrdc3 Protein expressed in mammalian cells.
Sequence:	MVLGKVKSLT ISFDCLNSN VPVYSSGDTV SGRVNLEVTG EIRVKSLKIH ARGHAKVRWT ESRNAGSNTA YTQNYTEEVE YFNHKDILIG HERDDDNSEE GFHTIHSGRH EYAFSFLPQ TPLATSFEGR HGSVRYWVKA ELHRPWLLPV KLKKEFTVFE HIDINTPSLL SPQAGTKEKT LCCWFCTSGP ISLSAKIERK GYTPGESIQI FAEIENCSSR MVVPKAAIYQ TQAFYAKGKM KEVKQLVANL RGESLSSGKT ETWNGKLLKI PPVSPSILDC SIIRVEYS LM VYVDIPGAMD LLLSLPLVIG TIPLHPFGSR TSSVSSQCSM SMNWLALALP ERPEAPPSYA EVVTEEQRRN NLAPVGACDD FERALQGPLF AYIQEFRFLP PPLYSEIDPN PDQSSDRPS CPSR 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:

ARRDC3

Alternative Name:

Arrdc3 ([ARRDC3 Products](#))

Background:

Arrestin domain-containing protein 3,FUNCTION: Adapter protein that plays a role in regulating cell-surface expression of adrenergic receptors and probably also other G protein-coupled receptors (PubMed:21982743). Plays a role in NEDD4-mediated ubiquitination and endocytosis of activated ADRB2 and subsequent ADRB2 degradation. May recruit NEDD4 to ADRB2. Alternatively, may function as adapter protein that does not play a major role in recruiting NEDD4 to ADRB2, but rather plays a role in targeting ADRB2 to endosomes. {ECO:0000250|UniProtKB:Q96B67, ECO:0000305|PubMed:21982743}.

Molecular Weight:

46.3 kDa

UniProt:

[Q7TPQ9](#)

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
