

Datasheet for ABIN7552358
ACTR3B Protein (AA 1-418) (His tag)



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Overview

Quantity:	1 mg
Target:	ACTR3B
Protein Characteristics:	AA 1-418
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACTR3B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ACTR3B Protein expressed in mammalian cells.
Sequence:	MAGSLPPCVV DCGTGYTKLG YAGNTEPQFI IPSCIAIRES AKVVDQAQRR VLRGVDDLDF FIGDEAIDKP TYATKWPIRH GIIEDWDLME RFMEQVVFYK LRAEPEDHYF LMTEPPLNTP ENREYLAEIM FESFNVPGLY IAVQAVLALA ASWTSRQVGE RTLTGIVIDS GDGVTHVIPV AEGYVIGSCI KHIPIAGRDI TYFIQQLLRE REVGIPPEQS LETAKAIKEK YCYICPDIVK EFAKYDVDPR KWIKQYTGIN AINQKKFVID VGYERFLGPE IFFHPEFANP DFMESISDVV DEVIQNCPID VRRPLYKNVV LSGGSTMFRD FGRRQLRDLK RVVDARLRLS EELSGGRIKP KPVEVQVWTH HMQRYAVWFG GSMLASTPEF FQVCHTKKDY EEYGPSICRH NPVFGVMS 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:

ACTR3B

Alternative Name:

ACTR3B ([ACTR3B Products](#))

Background:

Actin-related protein 3B (ARP3-beta) (Actin-like protein 3B) (Actin-related protein ARP4),FUNCTION: Plays a role in the organization of the actin cytoskeleton. May function as ATP-binding component of the Arp2/3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks. May decrease the metastatic potential of tumors. {ECO:0000269|PubMed:14651955}.

Molecular Weight:

47.6 kDa

UniProt:

[Q9P1U1](#)

Pathways:

[Regulation of Actin Filament Polymerization](#)

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
