

Datasheet for ABIN7556200
ARPC1A Protein (AA 1-370) (His tag)



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Overview

Quantity:	1 mg
Target:	ARPC1A
Protein Characteristics:	AA 1-370
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARPC1A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Arpc1a Protein expressed in mammalian cells.
Sequence:	MSLHQFLLEP ITCHAWNRDR TQIALSPNNH EVHIYKKNGS QWTKAHELKE HNGHITGIDW APKSDRIVTC GADRNAYVWS QKDGIWKPTL VILRINRAAT FVKWSPLENK FAVGSGARLI SVCYFESEND WWVSKHIKPP IRSTVLSLDW HPNNVLLAAG SCDFKCRVFS AYIKEVDEKP ASTPWGSKMP FGQLMSEFGG SGTGGWVHGV SFSASGNRLA WVSHDSTVSV ADASKSVQVS TLRTEFLPLL SVSFVSENSV VAAGHDCCPM LFNYDDRGCL TFVSKLDVPK QSIQRNMSAM ERFRNMDKRA TTEDRNTALE TLHQNSITQV SIYEVDKQDC RKFCTTGIDG AMTIWDFKTL ESSIQGLRIM 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.
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:	ARPC1A
Alternative Name:	Arpc1a (ARPC1A Products)
Background:	Actin-related protein 2/3 complex subunit 1A (SOP2-like protein) (Sid 329),FUNCTION: Probably functions as a 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 (By similarity). In addition to its role in the cytoplasmic cytoskeleton, the Arp2/3 complex also promotes actin polymerization in the nucleus, thereby regulating gene transcription and repair of damaged DNA (By similarity). {ECO:0000250 UniProtKB:Q8AVT9, ECO:0000250 UniProtKB:Q92747}.
Molecular Weight:	41.6 kDa
UniProt:	Q9R0Q6
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
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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
