

Datasheet for ABIN7556572
ACTR1A Protein (AA 1-376) (His tag)



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Overview

Quantity:	1 mg
Target:	ACTR1A
Protein Characteristics:	AA 1-376
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACTR1A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Actr1a Protein expressed in mammalien cells.
Sequence:	MESYDVIANQ PVVIDNGSGV IKAGFAGDQI PKYCFPNYVG RPKHVRVMAG ALEGDIFIGP KAEHRGLLS IRYPMEHGIV KDWNDMERIW QYVYSKDQLQ TFSEEHPVLL TEAPLNPRKN RERAAEVFFE TFNVPALFIS MQAVLSLYAT GRTTGVVLDS GDGVTHAVPI YEGFAMPHSI MRIDIAGR DV SRFLRLYLK EGYDFHSSE FEIVKAIKER ACYLSINPQK DETLETEKAQ YYLPDGSTIE IGPSRFRAP E LLFRPDLIGE ESEGIHEVLV FAIQKSDMDL RRTLFSNIVL SGGSTLFGKF GDRLLSEVKK LAPKDVKIRI SAPQERLYST WIGGSILASL DTFKKMWVSK KEYEEDGARS IHRKTF 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.
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, Western Blot

Grade: custom-made

Target Details

Target: ACTR1A

Alternative Name: Actr1a ([ACTR1A Products](#))

Background: Alpha-centractin (Centractin) (ARP1) (Actin-RPV) (Centrosome-associated actin homolog),FUNCTION: Part of the ACTR1A/ACTB filament around which the dynactin complex is built. The dynactin multiprotein complex activates the molecular motor dynein for ultra-processive transport along microtubules. {ECO:0000250|UniProtKB:F2Z5G5}.

Molecular Weight: 42.6 kDa

UniProt: [P61164](#)

Pathways: [M Phase](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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