

Datasheet for ABIN7556362
CDC42EP5 Protein (AA 1-150) (His tag)



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Overview

Quantity:	1 mg
Target:	CDC42EP5
Protein Characteristics:	AA 1-150
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDC42EP5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cdc42ep5 Protein expressed in mammalian cells.
Sequence:	MPVMKQLGPA QPKKRLDRGA LSISAPLGDF RHTLHVGRGG DAFGDTSFSL RHGGGPPPEP GAPPVVAPHS VAPPAAPQPP VAVPSPADPL LSFHLDLGPS MLDAVLGVMD AERSETTATK PDGDAHPRVQ HPKTRCCSNA DLQLDDVIGL 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: <ul style="list-style-type: none">• 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

Product Details

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)
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Grade:	custom-made
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Target Details

Target:	CDC42EP5
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Alternative Name:	Cdc42ep5 (CDC42EP5 Products)
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Background:	Cdc42 effector protein 5 (Binder of Rho GTPases 3),FUNCTION: Probably involved in the organization of the actin cytoskeleton. May act downstream of CDC42 to induce actin filament assembly leading to cell shape changes. Induces pseudopodia formation in fibroblasts. Inhibits MAPK8 independently of CDC42 binding. Controls septin organization and this effect is negatively regulated by CDC42. {ECO:0000269 PubMed:10490598, ECO:0000269 PubMed:11035016, ECO:0000269 PubMed:11584266}.
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Molecular Weight:	15.5 kDa
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UniProt:	Q9Z0X0
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Pathways:	Regulation of Actin Filament Polymerization
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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.
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Restrictions:	For Research Use only
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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