

Datasheet for ABIN7552857
CDC42SE2 Protein (AA 1-84) (Fc Tag)



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Overview

Quantity:	1 mg
Target:	CDC42SE2
Protein Characteristics:	AA 1-84
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDC42SE2 protein is labelled with Fc Tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat CDC42SE2 Protein expressed in mammalien cells.
Sequence:	MSEFWLCFNC CIAEQPQPKR RRRIDRSMIG EPTNFVHTAH VGSGDLFSGM NSVSSIQNQM QSKGGYGGGM PANVQMLVD TKAG 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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien 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). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our</p>

Product Details

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: CDC42SE2

Alternative Name: CDC42SE2 ([CDC42SE2 Products](#))

Background: CDC42 small effector protein 2 (Small effector of CDC42 protein 2),FUNCTION: Probably involved in the organization of the actin cytoskeleton by acting downstream of CDC42, inducing actin filament assembly. Alters CDC42-induced cell shape changes. In activated T-cells, may play a role in CDC42-mediated F-actin accumulation at the immunological synapse. May play a role in early contractile events in phagocytosis in macrophages.
{ECO:0000269|PubMed:10816584, ECO:0000269|PubMed:15840583}.

Molecular Weight: 9.2 kDa

UniProt: [Q9NRR3](#)

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

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months