

Datasheet for ABIN7558494

Cpped1 Protein (AA 1-312) (His tag)



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Overview

Quantity:	1 mg
Target:	Cpped1
Protein Characteristics:	AA 1-312
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cpped1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cpped1 Protein expressed in mammalian cells.
Sequence:	<p>MSAMEAADVF HRARGRTLDA FSSEKEREWK GPFYFVQGAD TQFGLMKAWS TGNCDAGGDE</p> <p>WGQEIRLTEQ AVEAINKLNP KPKFFVLCGD LVHAMPGTPW RQEQRDLQR VLKAVDQDIP</p> <p>LVMVSGNHDL GNAPTAETVE EFCQTWGDDY FSFWVGGVLF LVLNSQFLYD ASRCPALKQA</p> <p>QDHWLDQQLN IAEQKQCQHA IVFQHIPLFL QSIDEDDDYF NLTKTVRKEL AEKLTRAGIR</p> <p>AVFSGHYHRN AGGTYNLDM VVSSAIGCQL GKDTHGLRVV AITAEKIVHR YYSLELSQG</p> <p>GVEEDLKELL KE 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.</p>
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:	Cpped1
Alternative Name:	Cpped1 (Cpped1 Products)
Background:	Serine/threonine-protein phosphatase CPPED1 (EC 3.1.3.16) (Calcineurin-like phosphoesterase domain-containing protein 1),FUNCTION: Protein phosphatase that dephosphorylates AKT family kinase specifically at 'Ser-473', blocking cell cycle progression and promoting cell apoptosis. May play an inhibitory role in glucose uptake by adipocytes (By similarity). {ECO:0000250}.
Molecular Weight:	35.2 kDa
UniProt:	Q8BFS6

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.
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