

Datasheet for ABIN7546832

Cpped1 Protein (AA 1-314) (His tag)



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Overview

Quantity:	1 mg
Target:	Cpped1
Protein Characteristics:	AA 1-314
Origin:	Human
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:	MSAAEAGGVF HRARGRTLAA FPAEKESWK GPFFYFILGAD PQFGLIKAWS TGDCDNGGDE WEQEIRLTEQ AVQAINCLNP KPKFFVLCGD LIHAMPKGPW RTEQTDLKR VLRAVDRAIP LVLVSGNNDI GNTPTAETVE EFCRTWGDDY FSFWVGGVLF LVLNSQFYEN PSKCPSLKQA QDQWLDEQLS IARQRHCQHA IVFQHIPLFL ESIDEDDDYY FNLSKSTRKK LADKFIHAGV KVVFSGHYHR NAGGTYNLD MVVSSAIGCQ LGRDPHGLRV VVTAEKIVH RYSLDELSE KGIEDDLMDL IKKK 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:	Cpped1
Alternative Name:	CPPED1 (Cpped1 Products)
Background:	Serine/threonine-protein phosphatase CPPED1 (EC 3.1.3.16) (Calcineurin-like phosphoesterase domain-containing protein 1) (Complete S-transactivated 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. {ECO:0000269 PubMed:23799035, ECO:0000269 PubMed:23939394}.
Molecular Weight:	35.5 kDa
UniProt:	Q9BRF8

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