

Datasheet for ABIN7546830
CPNE6 Protein (AA 1-557) (His tag)



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Overview

Quantity:	1 mg
Target:	CPNE6
Protein Characteristics:	AA 1-557
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPNE6 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CPNE6 Protein expressed in mammalian cells.
Sequence:	MSDPEMGWVP EPPTMTLGAS RVELRVSCHG LLDRDTLTKP HPCVLLKLYS DEQWVEVERT EVLRS CSSPV FSRVLALEYF FEEKQPLQFH VFDAEDGATS PRNDTFLGST ECTLGQIVSQ TKVTKPLLLK NGKTAGKSTI TIVAEVSGT NDYVQLTFRA YKLDNKDLFS KSDPFMEIYK TNEDQSDQLV WRTEVVKNNL NPSWEPFRLS LHSLCSCDVH RPLKFLVYDY DSSGKHDFIG EFTSTFQEMQ EGTANPGQEM QWDCINPKYR DKKKNYKSSG TVVLAQCTVE KVHTFLDYIM GGCQISFTVA IDFTASNGDP RSSQSLHCLS PRQPNHYLQA LRAVGGICQD YSDSKRFP AF GFGARIPPNF EVSHDFAINF DPENPECEEI SGVIASYRRC LPQIQLYGPT NVAPIINRVA EPAQREQSTG QATKYSVLLV LTDGVVSDMA ETRTAIVRAS RLPMSIIVG VGNADFSDMR LLDGDDGPLR CPRGVPAARD IVQFVPFRDF KDAAPSALAK CVLAEVPRQV VEYYASQGIS PGAPRPCTLA TTPSPSP 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.

Product Details

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: • 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:	CPNE6
Alternative Name:	CPNE6 (CPNE6 Products)
Background:	Copine-6 (Copine VI) (Neuronal-copine) (N-copine),FUNCTION: Calcium-dependent phospholipid-binding protein that plays a role in calcium-mediated intracellular processes. Binds phospholipid membranes in a calcium-dependent manner (By similarity). Plays a role in dendrite formation by melanocytes (PubMed:23999003). {ECO:0000250 UniProtKB:Q9Z140, ECO:0000269 PubMed:23999003}.
Molecular Weight:	62.0 kDa
UniProt:	095741

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

	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