Datasheet for ABIN7560090

CREB3L3 Protein (AA 1-479) (His tag)

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Overview

Quantity:	1 mg
Target:	CREB3L3
Protein Characteristics:	AA 1-479
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CREB3L3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Creb3l3 Protein expressed in mammalian cells.
Sequence:	MDGDIAAGKM ASPVCAMAPL DSMEVLDLLF DRQDGILRNV ELAEGWILAR EEQKVLLNSD SDEFLNCILG PGDSDPSSPL WSPADSDSGI SEDLPSDPQD TPPRSGTEPA NTVARCHTRE QGKGPCPSYL PSTPCPEPPR TQVQESSVAI DLDMWSTDTL YPEEPAGSPS RFNLTVKELL LSGGSGDLQQ HSLAASQLLG PGSGHCQELV LTEDEKKLLA KEGVTLPTQL PLTKYEERVL KKIRRKIRNK QSAQESRKKK KEYIDGLENR MSACTAQNQE LQRKVLHLEK QNLSLLEQLK HLQALVVQST SKPAHAGTCI AVLLLSFALI ILPSISPFNS NKVDSPGDFV PVRVFSRTLH NHAASRVAPD VTPGSEVPGP WPDVGTPHKG PSSGGLSADW GNFLEIPMLD NLTEELDNST LVLANSTEDL GRATLLDWVA SEPLLSPGRV GLEIPGEMWL SWVPRWLRVR LVQDALGVL **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

Product Details

	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:	CREB3L3
Alternative Name:	Creb3l3 (CREB3L3 Products)
Background:	Cyclic AMP-responsive element-binding protein 3-like protein 3 (cAMP-responsive element-binding protein 3-like protein 3) (Transcription factor CREB-H) [Cleaved into: Processed cyclic AMP-responsive element-binding protein 3-like protein 3],FUNCTION: Transcription factor that may act during endoplasmic reticulum (ER) stress by activating unfolded protein response target genes. Activated in response to cAMP stimulation. Binds to the cAMP response element (CRE). Activates transcription through box-B element (By similarity). Activates transcription through CRE. May function synergistically with ATF6. In acute inflammatory response, may activate expression of acute phase response (APR) genes. May be involved in growth suppression. Regulates FGF21 transcription (PubMed:30389664). Plays a crucial role in the regulation of triglyceride metabolism and is required for the maintenance of normal plasma triglyceride concentrations (PubMed:21666694). {ECO:0000250, ECO:0000269|PubMed:15800215, ECO:0000269|PubMed:21666694,

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	ECO:0000269|PubMed:30389664}.
Molecular Weight:	52.1 kDa
UniProt:	Q91XE9
Pathways:	Thyroid Hormone Synthesis

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