

Datasheet for ABIN7546640

CORO1C Protein (AA 1-474) (His tag)



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Overview

Quantity:	1 mg
Target:	CORO1C
Protein Characteristics:	AA 1-474
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CORO1C protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CORO1C Protein expressed in mammalian cells.
Sequence:	<p>MRRVVRQSKF RHVFGQAVKN DQCYDDIRVS RVTWDSSFCA VNPRFVAIII EASGGGAFLV LPLHKTGRID KSYPTVCGHT GPVLDIDWCP HNDQVIASGS EDCTVMVWQI PENGLTSLT EPVVILEGHS KRVGIVAWHP TARNVLLSAG CDNAIIWNV GTGEALINLD DMHSDMIYNV SWNRNGSLIC TASKDKKVRV IDPRKQEIVA EKEKAHEGAR PMRAIFLADG NVFTTGFSRM SERQLALWNP KNMQEPIALH EMDTSNGVLL PFYDPDTSII YLCGKGDDSI RYFEITDESP YVHYLNTFSS KEPQRGMGYM PKRGLDVNKC EIARFFKLHE RKCEPIIMTV PRKSDLFQDD LYPDTAGPEA ALEAEWFEG KNADPILISL KHGYIPGKNR DLKVVKKNIL DSKPTANKKC DLISIPKKT DTASVQNEAK LDEILKEIKS IKDTICNQDE RISKLEQQMA KIAA 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

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:

COR01C

Alternative Name:

COR01C ([COR01C Products](#))

Background:

Coronin-1C (Coronin-3) (hCRNN4),FUNCTION: Plays a role in directed cell migration by regulating the activation and subcellular location of RAC1 (PubMed:25074804, PubMed:25925950). Increases the presence of activated RAC1 at the leading edge of migrating cells (PubMed:25074804, PubMed:25925950). Required for normal organization of the cytoskeleton, including the actin cytoskeleton, microtubules and the vimentin intermediate filaments (By similarity). Plays a role in endoplasmic reticulum-associated endosome fission: localizes to endosome membrane tubules and promotes recruitment of TMCC1, leading to recruitment of the endoplasmic reticulum to endosome tubules for fission (PubMed:30220460). Endosome membrane fission of early and late endosomes is essential to separate regions destined for lysosomal degradation from carriers to be recycled to the plasma membrane (PubMed:30220460). Required for normal cell proliferation, cell migration, and normal formation of lamellipodia (By similarity). Required for normal distribution of mitochondria within

Target Details

	cells (By similarity). {ECO:0000250 UniProtKB:Q9WUM4, ECO:0000269 PubMed:25074804, ECO:0000269 PubMed:25925950, ECO:0000269 PubMed:30220460, ECO:0000269 PubMed:34106209}., FUNCTION: [Isoform 3]: Involved in myogenic differentiation. {ECO:0000269 PubMed:19651142}.
Molecular Weight:	53.2 kDa
UniProt:	Q9ULV4

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