

Datasheet for ABIN7553544

Coronin 7 Protein (COR07) (AA 1-925) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Coronin 7 (COR07)
Protein Characteristics:	AA 1-925
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Coronin 7 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant COR07 Protein expressed in mammalian cells.
Sequence:	<p>MNRRFRVSKFR HTEARPPRRE SWISDIRAGT APSCRNHIKS SCSLIAFNSD RPGVLGIVPL QGGGEDKRRV AHLGCHSDLV TDLDFSPFDD FLLATGSADR TVKLRWLP GP GQALPSAPGV VLGPEDLPVE VLQFHPTSDG ILVSAAGTTV KWWDAAKQQP LTELAAHGDL VQSAVWSRDG ALVGTACKDK QLRIFDPRTK PRASQSTQAH ENSRDSRLAW MGTWEHLVST GFNQMREREV KLWDTRFFSS ALASLTLDTS LGCLVPLLD P DSGLLVLAGK GERQLYCYEV VPQQPALSPV TQCVLESVLR GAALVPRQAL AVMSCEVLRV LQLSDTAIVP IGYHVPRKAV EFHEDLFPDT AGCVPATDPH SWWAGDNQQV QKVSLNPACR PHSFTSCLV PPAEPLPDTA QPAVMETPVG DADASEGFSS PPSSLTSPST PSSLGPSLSS TSGIGTSPSL RSLQSLGSPS SKFRHAQGTV LHRDSHITNL KGLNLTPGE SDGFCANKLR VAVPLLSSGG QVAVLELRKP GRLPDTALPT LQNGAAVTDL AWDPFDPHRL AVAGEDARIR LWRVPAEGLE EVLTPPETVL TGHTEKICSL RFHPLAANVL ASSSYDLTVR IVDLQAGADR LKLGHQDQI FSLAWSPDGG QLATVCKDGR VRVYRPRSGP EPLQEGPGPK GGRGARIVWV CDGRCLLVSG FDSQSERQLL LYEAALAGG</p>

Product Details

PLAVLGLDVA PSTLLPSYDP DTGLVLLTGK GDTRVFLYEL LPESPFFLEC NSFTSPDPHK
GLVLLPKTEC DVREVELMRC LRLRQSSLEP VAFRLPRVRK EFFQDDVFPD TAVIWEPVLS
AEAWLQGANG QPWLLSLQPP DMSPVSQAPR EAPARRAPSS AQYLEEKSDQ QKKEELNAM
VAKLGNREDP LPQDSFEGVD EDEWD **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:

- 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: Coronin 7 (COR07)

Alternative Name: COR07 ([COR07 Products](#))

Background: Coronin-7 (Crn7) (70 kDa WD repeat tumor rejection antigen homolog),FUNCTION: F-actin regulator involved in anterograde Golgi to endosome transport: upon ubiquitination via 'Lys-33'-linked ubiquitin chains by the BCR(KLHL20) E3 ubiquitin ligase complex, interacts with EPS15 and localizes to the trans-Golgi network, where it promotes actin polymerization, thereby facilitating post-Golgi trafficking. May play a role in the maintenance of the Golgi apparatus

Target Details

morphology. {ECO:0000269|PubMed:16905771, ECO:0000269|PubMed:24768539}.

Molecular Weight: 100.6 kDa

UniProt: [P57737](#)

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