

Recombinant Full Length Human CORO7 Protein, C-Myc/DDK-tagged

Cat. No. CORO7-03HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CORO7 Protein, fused to Myc/DDK-tag at C-terminus, was expressed in HEK293T.
Species	Human
Source	HEK293
Description	This gene encodes a member of the coronin protein family. However, unlike other coronin proteins, it is not an actin-binding protein but rather functions as an F-actin regulator directing anterograde Golgi to endosome transport. The encoded protein has two tandem WD-40 domain repeats and localizes to the trans-Golgi network. The protein undergoes K33-linked polyubiquitination via an E3 ligase complex. It is thought to play an essential role in maintenance of Golgi apparatus morphology. Alternative splicing results in multiple transcripts variants; some of which form read-through transcripts with a neighboring gene.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol.
Molecular Mass	100.4 kDa
AA Sequence	MNRFRVSKFRHTEARPPRRESWISDIRAGTAPSCRNHIKSSCSLIAFNSDRPGVLGIV PLQGQGEGDKRRV AHLGCHSDLVTDLDFSPFDDFLLATGSADRTVKLWRLPGPGQA LPSAPGVVLGPEDLPVEVLQFHPTSDG ILVSAAGTTVKVWDAAKQQPLTELAHGD LVQSAVWSRDGALVGTDCKDKQLRIFDPRTKPRASQSTQAH ENSRDSRLAWMG

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WEHLVSTGFNQMREREVKLWDTRFFSSALASLTLDTSLGCLVPLLPDPSGLLVLAG
K GERQLYCYEVPQQPALSPVTQCVLESVLRGAALVPRQALAVMSCEVLRVLQLS
DTAIVPIGYHVPRKAV EFHEDLFPDTAGCVPATDPHSWWAGDNQQVQKVSINPAC
RPHPSFTSCLVPPAEPLPDTAQPAVMETPVG DADASEGFSSPPSSLTSPSTPSSLG
PSLSSTSGIGTSPSLRSLQSLGPPSSKFRHAQGTVLHRDSHITNL KGLNLTPGESD
GFCANKLRVAVPLLSSGGQVAVLELRKPGRLPDTALPTLQNGAAVTDLAWDPFDPH
RL AVAGEDARIRLWRVPAEGLEEVLTTPETVLTGHTKICSLRFHPLAANVLASSSY
DLTVRIWDLQAGADR LKLQGHQDQIFSLAWSPDGQQLATVCKDGRVVRVYRPRSGP
EPLQEGPGPKGGRGARIVWVCDGRCLLVSG FDSQSERQLLLYEAALAGGPLAVL
GLDVAPSTLLPSYDPDTGLVLLTGKGDTRVFLYELLPEPFFLEC NSFTSPDPHKGL
VLLPKTECDVREVELMRCLRLRQSSLEPVAFRLPRVRKEFFQDDVFPDTAVIWEVPL
S AEAWLQGANQPWLLSLQPPDMSPVVSQAPREAPARRAPSSAQYLEEKSDQQKK
EELNAMVAKLGNREDP LPQDSFEGVDEDEWD SGPTRTRPLEQKLISEEDLAANDI
LDYKDDDDKV

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining.

Notes

For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Stability

Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Storage

Store at -80 centigrade.

Concentration

>0.05 $\mu\text{g}/\mu\text{l}$ as determined by microplate BCA method.

Preparation

Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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Full Length
Full L.

GENE INFORMATION

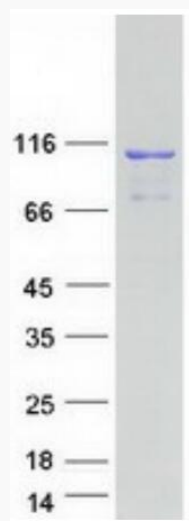
Gene Name [CORO7 coronin 7 \[Homo sapiens \(human\) \]](#)
Official Symbol [CORO7](#)
Synonyms CRN7; POD1; 0610011B16Rik

Gene ID [79585](#)
mRNA Refseq [NM_024535.5](#)
Protein Refseq [NP_078811.3](#)
MIM [611668](#)
UniProt ID [P57737](#)
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SDS-PAGE



Coomassie blue staining of purified CORO7 protein.

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