Recombinant Human CORO7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CORO7-1459H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CORO7 MS Standard C13 and N15-labeled recombinant protein (NP_078811) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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.
Molecular Mass	100.6 kDa
AA Sequence	MNRFRVSKFRHTEARPPRRESWISDIRAGTAPSCRNHIKSSCSLIAFNSDRPGVLGIV PLQGQGEDKRRVAHLGCHSDLVTDLDFSPFDDFLLATGSADRTVKLWRLPGPGQA LPSAPGVVLGPEDLPVEVLQFHPTSDGILVSAAGTTVKVWDAAKQQPLTELAAHGDL VQSAVWSRDGALVGTACKDKQLRIFDPRTKPRASQSTQAHENSRDSRLAWMGTW EHLVSTGFNQMREREVKLWDTRFFSSALASLTLDTSLGCLVPLLDPDSGLLVLAGKG

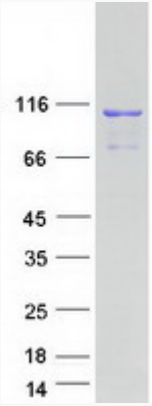
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	ERQLYCYEVVPQQPALSPVTQCVLESVLRGAALVPRQALAVMSCEVLRVLQLSDTAI VPIGYHVPRKAVEFHEDLFPDTAGCVPATDPHSWWAGDNQQVQKVSLNPACRPHP SFTSCLVPPAEPLPDTAQPAVMETPVGDADASEGFSSPPSSLTSPSTPSSLGPSLSS TSGIGTSPSLRSLQSLLGPSSKFRHAQGTVLHRDSHITNLKGLNLTTPGESDGFCAN KLRVAVPLLSSGGQVAVLELRKPGRLPDTALPTLQNGAAVTDLAWDPFDPHRLAVA GEDARIRLWRVPAEGLEEVLTTPETVLTGHTEKICSLRFHPLAANVLASSSYDLTVRI WDLQAGADRLKLQGHQDQIFSLAWSPDGQQLATVCKDGRVRVYRPRSGPEPLQE GPGPKGGRGARIVWVCDGRCLLVSGFDSQSERQLLLYEAEALAGGPLAVLGLDVAP STLLPSYDPDTGLVLLTGKGDTRVFLYELLPESPFFLECNSFTSPDPHKGLVLLPKTE CDVREVELMRCLRLRQSSLEPVAFRLPRVRKEFFQDDVFPDTAVIWEPVLSAEAWL QGANGQPWLLSLQPPDMSPVSQAPREAPARRAPSSAQYLEEKSDQQKKEELLNAM VAKLGNREDPLPQDSFEGVDEDEWDSGPTRTRPLEQKLISEEDLAANDILDYKDDD DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CORO7 coronin 7 [Homo sapiens (human)]
Official Symbol	CORO7

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Synonyms	CORO7; coronin 7; CRN7; POD1; 0610011B16Rik; coronin-7; 70 kDa WD repeat tumor rejection antigen homolog
Gene ID	79585
mRNA Refseq	NM_024535
Protein Refseq	NP_078811
MIM	611668
UniProt ID	P57737
SDS-PAGE	

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