

Product datasheet for TP324038L

CORO7 (NM_024535) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human coronin 7 (CORO7), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC224038 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MNRFVSKFRHTEARPPRESWISDIRAGTAPSCRNHKSSCSLIAFNDRPGVLGIVPLQGQGEDKRRV
 AHLGCHSDLVTDLDFSPFDDFLLATGSADRTVKLWRLPGPGQALPSAPGVVLGPEDLPVEVLQFHPTSDG
 ILVSAAGTTVKVWDAKQQLTELAHGDVLSAVWSRDGALVGTACKDKQLRIFDPRTKPRASQSTQAH
 ENSRDSRLAWMGTWEHLVSTGFNQMREREVKLWDTRFFSSALASLTLDTSLGCLVPLDPSGLLVLAGK
 GERQLYCYEVPQQPALSPVTQCVLESVLRGAALVPRQALAVMSCEVLRVLQLSDTAIVPIGYHVPRKAV
 EFHEDLFPDTAGCVPATDPHSWWAGDNQQVQKVS LN PACRPHSFTSCLVPPAEPDPTAQPAVMETPVG
 DADASEGFSSPSSLTSPSTPSSLGPSLSSTSGIGTSPSLRSLQSLGPPSSKFRHAQGTVLHRDSSHITNL
 KGLNLTPGESDGFCAKLRVAVPLLSSGGQVAVLELRKPGRLPDTALPTLQNGAAVTDLAWDPFDPHRL
 AVAGEDARIRLWRVPAEGLEEVLTPETVLTGHTEKICSLRFHPLAANVLASSSYDLTVRIWDLQAGADR
 LKLQGHQDQIFSLAWSPDGQQLATVCKDGRVRVYRPRSGPEPLQEGPGPKGGRGARIVWVCDGRCLLVSG
 FDSQSERQLLLYEAEALAGGPLAVLGLDVAPSTLLPSYDPDTGLVLLTGKGDTRVFLYELLPESPFFLEC
 NSFTSPDPHKGLVLLPKTECDVREVELMRCLRLRQSSLEPVAFRLPRVRKEFFQDDVFPDTAVIWEVPLS
 AEAWLQGANQPWLLSLQPPDMSPVSQAPREAPARRAPSSAQYLEEKSDQKKEELNAMVAKLGNREDP
 LPQDSFEGVDEDEWD

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

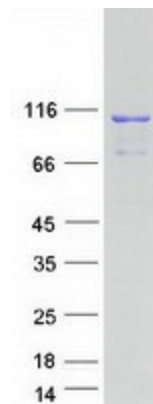
Tag:	C-Myc/DDK
Predicted MW:	100.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_078811
Locus ID:	79585
UniProt ID:	P57737
RefSeq Size:	3854
Cytogenetics:	16p13.3
RefSeq ORF:	2775
Synonyms:	0610011B16Rik; CRN7; POD1
Summary:	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. [provided by RefSeq, Dec 2016]

Product images:



Coomassie blue staining of purified CORO7 protein (Cat# [TP324038]). The protein was produced from HEK293T cells transfected with CORO7 cDNA clone (Cat# [RC224038]) using MegaTran 2.0 (Cat# [TT210002]).