

## Product datasheet for **TP324038**

### **CORO7 (NM\_024535) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human coronin 7 (CORO7), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA** >RC224038 protein sequence  
**Clone or AA Sequence:** **Red**=Cloning site **Green**=Tags(s)

MNRFVRSKFRHTEARPPRESWISDIRAGTAPSCRNHKSSCSLIAFNDRPGVLGIVPLQGQGEDKRRV  
AHLGCHSDLVTDLDFSPFDDFLLATGSADRTVKLWRLPGPGQALPSAPGVVLGPEDLPVEVLQFHPTSDG  
ILVSAAGTTVKVWDAKQQLTELAHGDVQSAVWSRDGALVGTACKDKQLRIFDPRTKPRASQSTQAH  
ENSRDSRLAWMGWTEHLVSTGFNQMREREVKLWDTRFFSSALASLTLDTSLGCLVPLLPDPSGLLVLAGK  
GERQLYCYEVPQQPALSPVTQCVLESVLRGAALVPRQALAVMSCEVLRVLQLSDTAIVPIGYHVPRKAV  
EFHEDLFPDTAGCVPATDPHSWWAGDNQQVQKVS LN PACRPHSFTSCLVPPAEPLPDTAQPAVMETPVG  
DADASEGFSSPPSSLTSPSTPSSLGPSLSSTSGIGTSPSLRSLQSLGPPSSKFRHAQGTVLHRDSSHITNL  
KGLNLTPGESDGFCAKLRVAVPLLSSGGQVAVLELRKPGRLPDTALPTLQNGAAVTDLAWDPFDPHRL  
AVAGEDARIRLWRVPAEGLEEVLTPETVLTGHTEKICSLRFHPLAANVLASSSYDLTVRIWDLQAGADR  
LKLQGHQDQIFSLAWSPDGQQLATVCKDGRVVRVYRPRSGPEPLQEGPGPKGGRGARIVWCDGRCLLVSG  
FDSQSERQLLLYEAEALAGGPLAVLGLDVAPSTLLPSYDPDTGLVLLTGKGDTRVFLYELLPESPFFLEC  
NSFTSPDPHKGLVLLPKTECDVREVELMRCLRLRQSSLEPVAFRLLPRVRKEFFQDDVFPDTAVIWEVPLS  
AEAWLQGANQPWLLSLQPPDMSPVSQAPREAPARRAPSSAQYLEEKSDQKKEELLNAMVAKLGNREDP  
LPQDSFEGVDEDEWD

**SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV**

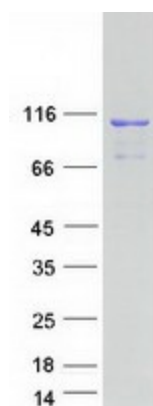
**Tag:** C-Myc/DDK  
**Predicted MW:** 100.4 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein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



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