

Product datasheet for PH324038

CORO7 (NM_024535) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CORO7 MS Standard C13 and N15-labeled recombinant protein (NP_078811)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224038
Predicted MW:	100.6 kDa
Protein Sequence:	>RC224038 protein sequence Red=Cloning site Green=Tags(s)

MNRFVSKFRHTEARPPRESWISDIRAGTAPSCRNHKSSCSLIAFNDRPGVLGIVPLQGQGEDKRRV
AHLGCHSDLVTDLDFSPFDDFLLATGSADRTVKLWRLPGPGQALPSAPGVVLGPEDLPVEVLQFHPTSDG
ILVSAAGTTVKVWDAAKQQPLTELAHGDLVQSAVWSRDGALVGTACKDKQLRIFDPRTKPRASQSTQAH
ENSRDSRLAWMGWTEHLVSTGFNQMREREVKLWDTRFFSSALASLTLDTSLGCLVPLLDPSGLLVLAGK
GERQLYCYEVPVQPALSPVTQCVLESVLRGAALVPRQALAVMSCEVLRVLQLSDTAIVPIGYHVPKAV
EFHEDLFPDTAGCVPATDPHSHWAGDNQQVQVSLNPACRPHPSFTSCLVPPAEPLPDTAQPVMETPVG
DADASEGFSPPSSLTSPSTPSSLGPSLSSTSGIGTSPSLRSLQSLGSPSSKFRHAQGTVLHRDHSITNL
KGLNLTPGESDGFCAKLRVAVPLLSSGGQVAVLELRKPGRLPDTALPTLQNGAAVTDLAWDPDFPHRL
AVAGEDARIRLWRVPAEGLEEVLTPETVLTGHTKICSLRFHPLAANVLASSSYDLTVRIWDLQAGADR
LKLQGHQDQIFSLAWSPDQQLATVCKDGRVRYRPRSGPEPLQEGPGPKGGRGARIVWVCDGRCLLVSG
FDSQSERQLLLEAEALAGGPLAVLGLDVAPSTLLPSYDPTGLVLLTGKGDTRVFLYELLPEPFFLEC
NSFTSPDPHKGLVLLPKTECDVREVELMRCLRLRQSSLEPVAFRLLPRVRKEFFQDDVFPDTAVIWEVLS
AEAWLQGANQPWLLSLQPPDMSPVSPAPREAPARRAPSSAQYLEEKSDQQKKEELLNAMVAKLGNREDP
LPQDSFEGVDEDEWD

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.

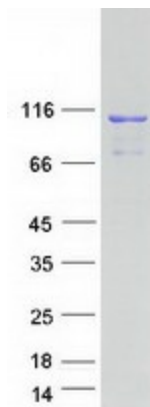


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RefSeq:	NP_078811
RefSeq Size:	3854
RefSeq ORF:	2775
Synonyms:	0610011B16Rik; CRN7; POD1
Locus ID:	79585
UniProt ID:	P57737
Cytogenetics:	16p13.3

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]).