Recombinant Human CORO7 Protein, MYC/DDK-tagged

Cat. No. CORO7-3305H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CORO7 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
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, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	100.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CORO7 coronin 7 [Homo sapiens]
Official Symbol	CORO7
Synonyms	0610011B16Rik; CRN7; POD1
Gene ID	79585
mRNA Refseq	NM_024535.4
Protein Refseq	NP_078811
MIM	611668

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