Recombinant Human CORO2A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CORO2A-3330H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CORO2A MS Standard C13 and N15-labeled recombinant protein (NP_003380) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein contains 5 WD repeats, and has a structural similarity with actin-binding proteins: the D. discoideum coronin and the human p57 protein, suggesting that this protein may also be an actin-binding protein that regulates cell motility. Alternative splicing of this gene generates 2 transcript variants.
Molecular Mass	59.8 kDa
AA Sequence	MSWHPQYRSSKFRHVFGKPASKENCYDSVPITRSVHDNHFCAVNPHFIAVVTECAG GGAFLVIPLHQTGKLDPHYPKVCGHRGNVLDVKWNPFDDFEIASCSEDATIKIWSIPK QLLTRNLTAYRKELVGHARRVGLVEWHPTAANILFSAGYDYKVMIWNLDTKESVITS PMSTISCHQDVILSMSFNTNGSLLATTCKDRKIRVIDPRAGTVLQEASYKGHRASKVL

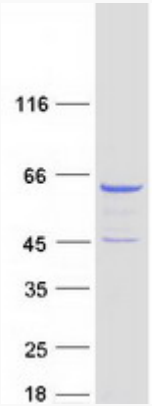
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	FLGNLKKLMSTGTSRWNNRQVALWDQDNLSVPLMEEDLDGSSGVLFPFYDADTSM LYVVGKGDGNIRYYEVSADKPHLSYLTEYRSYNPQKGIGVMPKRGLDVSSCEIFRFY KLITTKSLIEPISMIVPRRSESYQEDIYPPTAGAQPSLTAQEWLSGMNRDPILVSLRPG SELLRPHPLPAERPIFNSMAPASPRLLNQTEKLAAEDGWRSSSLLEEKMPRWAAEH RLEEKKTWLTNGFDVFECPPPKTENELLQMFYRQQEEIRRLRELLTQREVQAKQLEL EIKNLRMGSEQLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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	CORO2A coronin 2A [Homo sapiens (human)]
Official Symbol	CORO2A
Synonyms	CORO2A; coronin, actin binding protein, 2A; coronin-2A; coronin 2A; coronin like protein B; IR10; WD protein IR10; WD repeat protein 2; WDR2; WD-repeat protein 2; coronin-like protein B; WD repeat-containing protein 2; coronin, actin-binding protein, 2A; CLIPINB; DKFZp686G19226;
Gene ID	7464

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mRNA Refseq	NM_003389
Protein Refseq	NP_003380
MIM	602159
UniProt ID	Q92828
SDS-PAGE	

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