Recombinant Human CORO2A Protein, GST-tagged

Cat. No. CORO2A-1727H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CORO2A full-length ORF (AAH00010, 1 a.a. - 525 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2008]
Molecular Mass	83.49 kDa
AA Sequence	MSWHPQYRSSKFRHVFGKPASKENCYDSVPITRSVHDNHFCAVNPHFIAVVTECAG GGAFLVIPLHQTGKLDPHYPKVCGHRGNVLDVKWNPFDDFEIASCSEDATIKIWSIPK QLLTRNLTAYRKELVGHARRVGLVEWHPTAANILFSAGYDYKVMIWNLDTKESVITS PMSTISCHQDVILSMSFNTNGSLLATTCKDRKIRVIDPRAGTVLQEASYKGHRASKVL

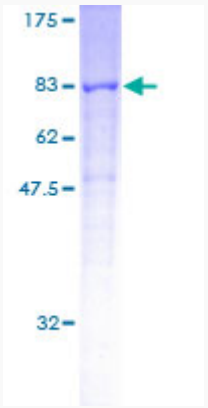
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	FLGNLKKLMSTGTSRWNNRQVALWDQDNLSVPLMEEDLDGSSGVLFPFYDADTSM LYVVGKGDGNIRYYEVSADKPHLSYLTEYRSYNPQKGIGVMPKRGLDVSSCEIFRFY KLITTKSLIEPISMIVPRRSESYQEDIYPPTAGAQPSLTAQEWLSGMNRDPILVSLRPG SELLRPHPLPAERPIFNSMAPASPRLLNQTEKLAAEDGWRSSSLLEEKMPRWAAEH RLEEKKTWLTNGFDVFECPPPKTENELLQMFYRQQEEIRRLRELLTQREVQAKQLEL EIKNLRMGSEQL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CORO2A coronin, actin binding protein, 2A [Homo sapiens]
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
Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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