

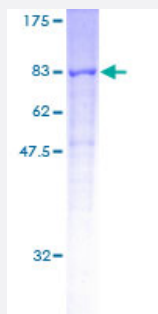
Full-Length

CORO2A (Human) Recombinant Protein (P01)

Catalog # H00007464-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human CORO2A full-length ORF (AAH00010, 1 a.a. - 525 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSWHPQYRSSKFRHVFVGKPAKENCYDSVPITRSVHDNHFCVNPHFIAVVTECAGGGAFLLVIPL
HQTGKLDPHYPKVCGHRGNVLDVKWNPFDFFEIASCEDATKWSIPKQLLTRNLTAIRKELVGH
ARRVGLVEWHPTAANILFSAGDYKVMWNLDTKESVITSPMSTISCHQDVILSMSFNTNGSLLATT
CKDRKIRVIDPRAGTVLQEASYKGRASKVLFLGNLKKLMSTGTSRWNNRQVALWDQDNLSPVPL
MEEDLDGSSGVLFPPFYDADTSMLYVVGKGDGNIRYYEVSADKPHLSYLTEYRSYNPQKGIGVMPK
RGLDVSSCEIFRFYKLITTKSLIEPISMIVPRRSESYQEDYPTAGAPSLTAQEWLSGMNRDPILV
SLRPGSELLRPHPLPAERPIFNSMAPASPRLLNQTEKLAAEDGWRSSSLLEEKMPRWAAEHRLE
EKKTWLTNGFDVFECPPPKTENELLQMFYRQEEIRRLRELLTQREVQAKQLELEIKNLRMGSEQ
L

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

83.49

Interspecies Antigen Sequence

Mouse (86); Rat (87)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CORO2A

Entrez GeneID	7464
GeneBank Accession#	BC000010
Protein Accession#	AAH00010
Gene Name	CORO2A
Gene Alias	CLIPINB, DKFZp686G19226, IR10, WDR2
Gene Description	coronin, actin binding protein, 2A
Omim ID	602159
Gene Ontology	Hyperlink
Gene Summary	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-aspartate (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 p53 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]

Other Designations

OTTHUMP00000021767|OTTHUMP00000021768|WD protein IR10|WD repeat-containing protein 2|WD-repeat protein 2|coronin 2A|coronin, actin-binding protein, 2A|coronin-2A|coronin-like protein B

Disease

- [Genetic Predisposition to Disease](#)
- [Vitiligo](#)