CORO1C Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	CORO1C, Recombinant Protein
Full Product Name	Recombinant Human CORO1C
Product Gene Name	CORO1C recombinant protein
Product Synonym Names	CORO1C; Coronin 1C; Coronin 3; CRNN4; HCRNN4
Host	E Coli
Form/Format	Lyophilized from a 0.2um filtered solution in PBS with 5% trehalose and 0.06% proclin, pH7.4
Purity/Purification	Greater than 95% by SDS-PAGE gel analyses
Preparation and Storage	Store at -20 degree C for 12 months as lyophilized; 2-8 degree C for 1 month under sterile conditions after reconstitution
Molecular Weight	474
Sequence Positions	1-207
OMIM	605269
3D Structure	ModBase 3D Structure for Q9ULV4
Species	Human
Tag	N-terminal His-IF2DI Tag
Reconstitution	Centrifuge the vial at 10,000rpm for 1 minute, reconstitute at 200ug/ml in sterile distilled water
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for CORO1C recombinant protein	Western Blot (WB), ELISA (EIA)
Related Product Information for CORO1C recombinant protein	MBS7614865 is a recombinant protein targeting CORO1C. Also known as Recombinant Human CORO1C. Host: E Coli.
Other Notes	Small volumes of CORO1C recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CORO1C. It may not necessarily be applicable to this product.

NCBI GI #	12643898
NCBI GeneID	23603
NCBI Accession #	Q9ULV4.1
UniProt Primary Accession #	Q9ULV4
UniProt Secondary Accession #	Q9NSK5; A7MAP0; A7MAP1; B3KU12
UniProt Related Accession #	Q9ULV4

NCBI Official Full Name	Coronin-1C
NCBI Official Synonym Full Names	coronin, actin binding protein, 1C
NCBI Official Symbol	CORO1C
NCBI Official Synonym Symbols	HCRNN4
UniProt Protein Name	Coronin-1C
UniProt Synonym Protein Names	Coronin-3; hCRNN4
Protein Family	Coronin
UniProt Gene Name	CORO1C
UniProt Synonym Gene Names	CRN2; CRNN4
UniProt Entry Name	COR1C_HUMAN
NCBI Protein Information	coronin-1C; coronin-3; coronin 1C; coronin, actin-binding protein, 1C
NCBI Summary for CORO1C	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. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Feb 2013]
UniProt Comments for CORO1C	coronin 1C: an ubiquitous, actin-binding cytoskeletal protein. May be involved in cytokinesis and motility. Belongs to the WD-repeat coronin family. Protein type: Actin-binding; Motility/polarity/chemotaxis Chromosomal Location of Human Ortholog: 12q24.1 Cellular Component: focal adhesion; lamellipodium; cytoplasm; plasma membrane; actin cytoskeleton Molecular Function: actin filament binding Biological Process: signal transduction; actin cytoskeleton organization and biogenesis; phagocytosis
Research Articles on CORO1C	**1.** Coronin-1C overexpression is associated withand hepatocellular carcinoma growth through enhancement of tumor cell proliferation and migration, which are correlated with Rac-1 activation.
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