Coronin-7 (CORO7) ELISA Kit for Monkey

PRODUCT OVERVIEW

Product Name	Coronin-7 (CORO7), ELISA Kit
Full Product Name	Monkey Coronin-7 (CORO7) ELISA Kit
Product Gene Name	CORO7 elisa kit
Species Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Preparation and Storage	Store all reagents at 2-8 degree C.
Molecular Weight	98,579 Da
OMIM	611668
Sample Preparation	We suggest pre-experimenting with neat (undiluted) samples, 1:2 or 1:4 dilutions. Please avoid diluting your samples more than 1:10 as it would exceed the dilution limit set for this kit. If the expected concentration of the target is beyond the detection range of the kit, please contact our technical support team
Product Categories/Family for CORO7 elisa kit	Signal Transduction
ISO Certification	Manufactured in an ISO 13485:2016 Certified Laboratory.
Related Product Information for CORO7 elisa kit	MBS7223243 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Coronin-7 (CORO7) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing CORO7. The ELISA analytical biochemical technique of the MBS7223243 kit is based on CORO7 antibody-CORO7 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CORO7 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CORO7. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of CORO7 elisa kit 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 CORO7. It may not necessarily be applicable to this product.

NCBI GI #	319918857
NCBI GeneID	79585
NCBI Accession #	NP_001188402.1
UniProt Secondary Accession #	Q17RK4; B4DFD6; B4DL18; I3L416
UniProt Related Accession #	P57737
GenBank Nucleotide #	NM_001201473.1
NCBI Official Full Name	coronin-7 isoform 3
NCBI Official Synonym Full Names	coronin 7
NCBI Official Symbol	CORO7

NCBI Official Synonym Symbols	CRN7; POD1; 0610011B16Rik
UniProt Protein Name	Coronin-7
UniProt Synonym Protein Names	70 kDa WD repeat tumor rejection antigen homolog
Protein Family	Coronin
UniProt Gene Name	CORO7
UniProt Synonym Gene Names	Crn7
UniProt Entry Name	CORO7_HUMAN
NCBI Protein Information	coronin-7; 70 kDa WD repeat tumor rejection antigen homolog
NCBI Summary for CORO7	Coronins, such as CORO7, constitute an evolutionarily conserved family of WD-repeat actin-binding proteins. CORO7 plays a role in Golgi complex morphology and function (Rybakin et al., 2004, 2006 [PubMed 15327992] [PubMed 16905771]).[supplied by OMIM, Mar 2008]
UniProt Comments for CORO7	coronin 7: May play a role in the maintenance of the Golgi apparatus morphology and in the protein export from the Golgi. Belongs to the WD repeat coronin family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Vesicle Chromosomal Location of Human Ortholog: 16p13.3 Cellular Component: Golgi membrane; Golgi apparatus; membrane; cytoplasmic membrane-bound vesicle; integral to membrane; trans-Golgi network; cytosol; actin cytoskeleton Molecular Function: actin filament binding; protein binding; actin binding Biological Process: protein transport; actin filament polymerization; Golgi to endosome transport; actin cytoskeleton organization and biogenesis
Research Articles on CORO7	**1.** Results show that enforced targeting of Crn7 to TGN 9trans-Golgi network) bypasses the requirement of K33-ubiquitination for TGN-pool F-actin assembly and post-Golgi trafficking.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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