Formin-2 (FMN2) ELISA Kit for Guinea Pig

PRODUCT OVERVIEW

Product Name	Formin-2 (FMN2), ELISA Kit
Full Product Name	Guinea pig Formin-2 (FMN2) ELISA Kit
Product Gene Name	FMN2 elisa kit
Species Reactivity	Guinea Pig
Preparation and Storage	Store all reagents at 2-8 degree C.
Molecular Weight	167,387 Da
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for FMN2 elisa kit	MBS2603754 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Formin-2 (FMN2) 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 FMN2. The ELISA analytical biochemical technique of the MBS2603754 kit is based on FMN2 antibody-FMN2 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect FMN2 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, FMN2. 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 FMN2 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 FMN2. It may not necessarily be applicable to this product.

NCBI GI #	160707879
NCBI GeneID	54418
NCBI Accession #	NP_062318.2
UniProt Secondary Accession #	Q505D3
UniProt Related Accession #	Q9JL04
GenBank Nucleotide #	NM_019445.2
NCBI Official Full Name	formin-2
NCBI Official Synonym Full Names	formin 2
NCBI Official Symbol	Fmn2
NCBI Official Synonym Symbols	AU024104
UniProt Protein Name	Formin-2
Protein Family	Formin
UniProt Gene Name	Fmn2
UniProt Entry Name	FMN2_MOUSE
NCBI Protein Information	formin-2

UniProt Comments for FMN2	FMN2: Belongs to the formin homology family. Cappuccino subfamily Protein type: Nucleolus; Motility/polarity/chemotaxis Cellular Component: actin cytoskeleton; actin filament; cell cortex; cytoplasm; cytoplasmic vesicle; cytoplasmic vesicle membrane; cytoskeleton; cytosol; endoplasmic reticulum; endoplasmic reticulum membrane; membrane; microvillus; nucleolus; nucleus; plasma membrane; spindle Molecular Function: actin binding; microtubule binding Biological Process: actin filament bundle formation; actin nucleation; establishment of meiotic spindle localization; homologous chromosome movement towards spindle pole during meiosis I; intracellular transport; meiotic chromosome movement towards spindle pole; multicellular organismal development; negative regulation of apoptosis; negative regulation of protein catabolic process; oogenesis; polar body extrusion after meiotic divisions; protein transport; response to DNA damage stimulus; transport; vesicle-mediated transport
Research Articles on FMN2	**1.** Spire recruits Fmn2 and facilitates its association with actin filaments barbed ends.
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