Matrilin 2 (MATN2) ELISA Kit for Camel

PRODUCT OVERVIEW

Product Name	Matrilin 2 (MATN2), ELISA Kit
Full Product Name	Camel Matrilin 2 ELISA Kit
Product Gene Name	MATN2 elisa kit
Species Reactivity	Camel
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	106,837 Da
OMIM	602108
3D Structure	ModBase 3D Structure for O00339
Related Product Information for MATN2 elisa kit	MBS049348 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Matrilin 2 (MATN2) 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 MATN2. The ELISA analytical biochemical technique of the MBS049348 kit is based on MATN2 antibody-MATN2 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect MATN2 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, MATN2. 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 MATN2 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 MATN2. It may not necessarily be applicable to this product.

NCBI GI #	62548860
NCBI GeneID	4147
NCBI Accession #	NP_002371.3
UniProt Primary Accession #	O00339
UniProt Secondary Accession #	Q6UWA5; Q7Z5X1; Q8NDE6; Q96FT5; Q9NSZ1; A8K106; E7EW74; E9PD48; E9PGL2
UniProt Related Accession #	O00339
GenBank Nucleotide #	NM_002380.3
NCBI Official Full Name	matrilin-2 isoform a
NCBI Official Synonym Full Names	matrilin 2
NCBI Official Symbol	MATN2
UniProt Protein Name	Matrilin-2
Protein Family	Matrilin
UniProt Gene Name	MATN2
UniProt Entry Name	MATN2_HUMAN

NCBI Protein Information	matrilin-2
NCBI Summary for MATN2	This gene encodes a member of the von Willebrand factor A domain containing protein family. This family of proteins is thought to be involved in the formation of filamentous networks in the extracellular matrices of various tissues. This protein contains five von Willebrand factor A domains. The specific function of this gene has not yet been determined. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
UniProt Comments for MATN2	MATN2: Involved in matrix assembly. 4 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted; Secreted, signal peptide; Extracellular matrix Chromosomal Location of Human Ortholog: 8q22 Cellular Component: extracellular matrix; proteinaceous extracellular matrix; basement membrane Molecular Function: protein binding; calcium ion binding Biological Process: dendrite regeneration; axon guidance; neuron migration; response to axon injury; glial cell migration
Research Articles on MATN2	**1.** Observational study of gene-disease association, gene-environment interaction, and pharmacogenomic / toxicogenomic. (HuGE Navigator)
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