Elastin Microfibril Interface Located Protein 2 (EMILIN2) ELISA Kit for Sheep

PRODUCT OVERVIEW

Product Name	Elastin Microfibril Interface Located Protein 2 (EMILIN2), ELISA Kit
Full Product Name	Sheep Elastin Microfibril Interface Located Protein 2 ELISA Kit
Product Gene Name	EMILIN2 elisa kit
Species Reactivity	Sheep
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	115,687 Da
OMIM	608928
3D Structure	ModBase 3D Structure for Q9BXX0
Related Product Information for EMILIN2 elisa kit	MBS077974 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Elastin Microfibril Interface Located Protein 2 (EMILIN2) 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 EMILIN2. The ELISA analytical biochemical technique of the MBS077974 kit is based on EMILIN2 antibody-EMILIN2 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect EMILIN2 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, EMILIN2. 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 EMILIN2 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 EMILIN2. It may not necessarily be applicable to this product.

NCBI GI #	60498978
NCBI GeneID	84034
NCBI Accession #	NP_114437.2
UniProt Primary Accession #	Q9BXX0
UniProt Secondary Accession #	Q8NBH3; Q96JQ4; B2RMY3
UniProt Related Accession #	Q9BXX0
GenBank Nucleotide #	NM_032048.2
NCBI Official Full Name	EMILIN-2
NCBI Official Synonym Full Names	elastin microfibril interfacer 2
NCBI Official Symbol	EMILIN2
NCBI Official Synonym Symbols	FOAP-10; EMILIN-2
UniProt Protein Name	EMILIN-2
UniProt Synonym Protein Names	Elastin microfibril interface-located protein 2; Elastin microfibril interfacer 2; Protein FOAP-10
Protein Family	EMILIN

UniProt Gene Name	EMILIN2
UniProt Synonym Gene Names	Elastin microfibril interfacer 2
UniProt Entry Name	EMIL2_HUMAN
NCBI Protein Information	EMILIN-2; extracellular glycoprotein EMILIN-2; elastin microfibril interface-located protein 2
UniProt Comments for EMILIN2	EMILIN2: May be responsible for anchoring smooth muscle cells to elastic fibers, and may be involved not only in the formation of the elastic fiber, but also in the processes that regulate vessel assembly. Has cell adhesive capacity. Protein type: Secreted; Extracellular matrix; Secreted, signal peptide Chromosomal Location of Human Ortholog: 18p11.3 Cellular Component: extracellular matrix; proteinaceous extracellular matrix; collagen; extracellular region Molecular Function: protein binding; extracellular matrix constituent conferring elasticity Biological Process: cell adhesion
Research Articles on EMILIN2	**1.** Identify emilin2 as a key extracellular regulator of the Wnt signalling pathway suppressing breast cancer cell growth and migration.
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/emilin2-sheep-elisa-kits/elastin-microfibril-interface-located-protein-2/77974