Cortexin-1 (CTXN1) ELISA Kit for Sheep

PRODUCT OVERVIEW

Product Name	Cortexin-1 (CTXN1), ELISA Kit
Full Product Name	Sheep Cortexin-1 (CTXN1) ELISA Kit
Product Gene Name	CTXN1 elisa kit
Species Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Preparation and Storage	Store all reagents at 2-8 degree C.
Molecular Weight	9,045 Da
OMIM	600135
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 CTXN1 elisa kit	Neurobiology
ISO Certification	Manufactured in an ISO 13485:2016 Certified Laboratory.
Related Product Information for CTXN1 elisa kit	MBS7243559 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Cortexin-1 (CTXN1) 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 CTXN1. The ELISA analytical biochemical technique of the MBS7243559 kit is based on CTXN1 antibody-CTXN1 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CTXN1 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CTXN1. 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 CTXN1 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 CTXN1. It may not necessarily be applicable to this product.

NCBI GI #	45592954
NCBI GeneID	404217
NCBI Accession #	NP_996664.1
UniProt Related Accession #	P60606
GenBank Nucleotide #	NM_206833.3
NCBI Official Full Name	cortexin-1
NCBI Official Synonym Full Names	cortexin 1
NCBI Official Symbol	CTXN1
NCBI Official Synonym Symbols	CTXN

UniProt Protein Name	Cortexin-1
Protein Family	Cortexin
UniProt Gene Name	CTXN1
UniProt Synonym Gene Names	CTXN
UniProt Entry Name	CTXN1_HUMAN
NCBI Protein Information	cortexin-1
UniProt Comments for CTXN1	CTXN1: May mediate extracellular or intracellular signaling of cortical neurons during forebrain development. Belongs to the cortexin family. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 19p13.2 Cellular Component: integral to membrane
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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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.

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