Cornifelin (CNFN) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Cornifelin (CNFN), ELISA Kit
Full Product Name	Human Cornifelin (CNFN) ELISA Kit
Product Gene Name	CNFN elisa kit
Species Reactivity	Human
Assay Type	Quantitative Sandwich
Samples	Body fluids, tissue homogenates, secretions or feces samples
Detection Range	3.12ng/ml-100ng/ml
Sensitivity	1.0ng/ml.
Specificity	No significant cross-reactivity or interference between this analyte and analogues is observed.
Preparation and Storage	Store all reagents at 2-8 degree C
Inter-assay Precision	Inter-assay CV (%) is less than 15%. [CV(%) = SD/mean ×100].
Intra-assay Precision	Intra-assay CV (%) is less than 15%
Molecular Weight	12,376 Da
Chromosome Location	Chromosome: 19; NC_000019.9 (42891171..42894444, complement). Location: 19q13.2
OMIM	611764
3D Structure	ModBase 3D Structure for Q9BYD5
Related Product Information for CNFN elisa kit	Background/Introduction: This Quantitative Sandwich ELISA kit is only for in vitro research use only! This kit is intended to be used for determination the level of CNFN (hereafter termed "analyte") in undiluted original Human body fluids, tissue homogenates, secretions or feces samples. This kit is NOT suitable for assaying non-biological sources of substances.
Other Notes	Small volumes of CNFN 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.
Searchable Terms for CNFN purchase	MBS9302959 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Cornifelin (CNFN) 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 CNFN. The ELISA analytical biochemical technique of the MBS9302959 kit is based on CNFN antibody-CNFN antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CNFN antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CNFN. 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(%).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CNFN. It may not necessarily be applicable to this product.

NCBI GI #	26024195
NCBI GeneID	84518
NCBI Accession #	NP_115877.2

UniProt Primary Accession #	Q9BYD5
UniProt Secondary Accession #	B2R569
UniProt Related Accession #	Q9BYD5
GenBank Nucleotide #	NM_032488.3
NCBI Official Full Name	cornifelin
NCBI Official Synonym Full Names	cornifelin
NCBI Official Symbol	CNFN
NCBI Official Synonym Symbols	PLAC8L2
UniProt Protein Name	Cornifelin
Protein Family	Cornifelin
UniProt Gene Name	CNFN
UniProt Entry Name	CNFN_HUMAN
NCBI Protein Information	cornifelin; cornefied envelope protein cornefilin
UniProt Comments for CNFN	CNFN: Part of the insoluble cornified cell envelope (CE) of stratified squamous epithelia. Belongs to the cornifelin family. Chromosomal Location of Human Ortholog: 19q13.2 Cellular Component: cytoplasm; cornified envelope Biological Process: keratinization
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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Online datasheet: https://www.mybiosource.com/human-elisa-kits/cornifelin-cnfn/9302959