Protease, Serine 23 (PRSS23) ELISA Kit for Cat

PRODUCT OVERVIEW

Product Name	Protease, Serine 23 (PRSS23), ELISA Kit
Full Product Name	Cat Protease, Serine 23 ELISA Kit
Product Gene Name	PRSS23 elisa kit
Species Reactivity	Cat
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	43,001 Da
3D Structure	ModBase 3D Structure for O95084
Related Product Information for PRSS23 elisa kit	MBS078714 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Protease, Serine 23 (PRSS23) 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 PRSS23. The ELISA analytical biochemical technique of the MBS078714 kit is based on PRSS23 antibody-PRSS23 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect PRSS23 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, PRSS23. 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 PRSS23 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 PRSS23. It may not necessarily be applicable to this product.

NCBI GI #	119595552
NCBI GeneID	11098
NCBI Accession #	EAW75146.1
UniProt Primary Accession #	O95084
UniProt Secondary Accession #	Q6IBI0; B2RDJ1
UniProt Related Accession #	O95084
NCBI Official Full Name	protease, serine, 23, isoform CRA_b
NCBI Official Synonym Full Names	protease, serine, 23
NCBI Official Symbol	PRSS23
NCBI Official Synonym Symbols	SIG13; SPUVE; ZSIG13
UniProt Protein Name	Serine protease 23
UniProt Synonym Protein Names	Putative secreted protein Zsig13
Protein Family	Serine protease
UniProt Gene Name	PRSS23
UniProt Synonym Gene Names	ZSIG13

UniProt Entry Name	PRS23_HUMAN
NCBI Protein Information	serine protease 23; putative secreted protein Zsig13; serine protease, umbilical endothelium
NCBI Summary for PRSS23	This gene encodes a conserved member of the trypsin family of serine proteases. Mouse studies found a decrease of mRNA levels of this gene after ovulation was induced. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]
UniProt Comments for PRSS23	PRSS23: a member of the trypsin family of serine proteases. Mouse studies found a decrease of mRNA levels after ovulation was induced. This gene seems to be highly conserved in vertebrates and may be an important ovarian protease. [provided by RefSeq, Jul 2008] Protein type: Protease; Secreted; Secreted, signal peptide; EC 3.4.21.- Chromosomal Location of Human Ortholog: 11q14.1 Cellular Component: nucleus Molecular Function: serine-type endopeptidase activity Biological Process: proteolysis
Research Articles on PRSS23	**1.** PRSS23 might be a critical component of estrogen-mediated cell proliferation of ERalpha-positive breast cancer cells.
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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