

Human Calmodulin-Like Protein 5, CALML5 ELISA Kit | CALML5 elisa kit

Human Calmodulin-Like Protein 5, CALML5 Primacu ELISA Kit

CATALOG #
AAA124269

REACTIVITY
Human

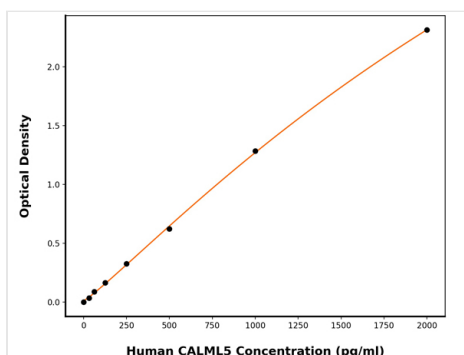
PRODUCT SYNONYMS

Calmodulin-Like Protein 5; CALML5; Human Calmodulin-Like Protein 5; CALML5 Primacu ELISA Kit; Calmodulin-like protein 5; CLSP; CALML5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	31.25-2000pg/mL
Sensitivity	6.2pg/mL
Standard Solution	20ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for CALML5 elisa kit

Calmodulin-like protein 5, also known as Calmodulin-like skin protein, CALML5 and CLSP, is a protein which contains four EF-hand domains. CALML5/CLSP is particularly abundant in the epidermis where its expression is directly related to keratinocyte differentiation. The expression is very low in lung. CALML5/CLSP binds calcium. It may be involved in terminal differentiation of keratinocytes. Coxsackievirus and adenovirus receptor (CAR) is a member of the immunoglobulin (Ig) superfamily and a component of epithelial tight junction. CAR functions as a primary receptor for coxsackievirus B and adenovirus (Ad) infection. CALML5/CLSP is closely related to CAR. The structure and dynamics of human calmodulin-like skin protein CALML5/CLSP have been characterized by NMR spectroscopy. The mobility of CALML5/CLSP has been found to be different for the N-terminal and C-terminal domains. The N-terminal domain is characterized by four stable helices, which experience large fluctuations. This is shown to be due to mutations in the hydrophobic core. The overall N-terminal domain behavior is similar both in the full-length protein and in the isolated domain.

Product Categories/Family for CALML5
elisa kit

Primacu ELISA Kit; Cell biology; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	215273944
NCBI GeneID	51806
UniProt Accession #	Q9NZT1; Q5SQI3; Q8IXU8
Molecular Weight	15,893 Da
NCBI Official Full Name	Calmodulin-like protein 5
NCBI Official Synonym Full Names	calmodulin like 5
NCBI Official Symbol	CALML5
NCBI Official Synonym Symbols	CLSP
NCBI Protein Information	calmodulin-like protein 5
UniProt Protein Name	Calmodulin-like protein 5
UniProt Gene Name	CALML5
UniProt Synonym Gene Names	CLSP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/calmodulin-like-protein-5-calml5/124269>