

Human PRAME Family Member 1 (PRAMEF1) ELISA Kit | PRAMEF1 elisa kit

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CATALOG #
AAA331369

REACTIVITY
Human

PRODUCT SYNONYMS

PRAME Family Member 1 (PRAMEF1); Human PRAME Family Member 1 (PRAMEF1) ELISA Kit; PRAMEF1; RP5-1198H6.2; RP5-845O24.1; dJ1198H6.1; PRAMEF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human PRAME family member 1 (PRAMEF1) ELISA Kit has high sensitivity and excellent specificity for detection of Human PRAMEF1. No significant cross-reactivity or interference between Human PRAMEF1 and analogues was observed.
Sequence Length	474
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human PRAME family member 1 (PRAMEF1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PRAMEF1 elisa kit	Description: This Human PRAME family member 1 (PRAMEF1) ELISA Kit employs a two-site sandwich ELISA to quantitate PRAMEF1 in samples. An antibody specific for PRAMEF1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRAMEF1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRAMEF1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PRAMEF1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: PRAMEF1, Belongs to the PRAME family.Contains 2 LRR (leucine-rich) repeats.A leucine-rich repeat (LRR) is a protein structural motif that forms an alpha/beta horseshoe fold. It is composed of repeating 20-30 amino acid stretches that are unusually rich in the hydrophobic amino acid leucine. Typically, each repeat unit has beta strand-turn-alpha helix structure, and the assembled domain, composed of many such repeats, has a horseshoe shape with an interior parallel beta sheet and an exterior array of helices. One face of the beta sheet and one side of the helix array are exposed to solvent and are therefore dominated by hydrophilic residues. The region between the helices and sheets is the protein's hydrophobic core and is tightly sterically packed with leucine residues. Leucine-rich repeats are frequently involved in the formation of protein-protein interactions.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	659066184
NCBI GeneID	65121
NCBI Accession #	NP_075389.2
NCBI GenBank Nucleotide #	NP_075389.2
UniProt Accession #	O95521
NCBI Official Full Name	PRAME family member 1 isoform 1
NCBI Official Synonym Full Names	PRAME family member 1
NCBI Official Symbol	PRAMEF1
NCBI Protein Information	PRAME family member 1
UniProt Protein Name	PRAME family member 1
UniProt Gene Name	PRAMEF1

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.