

Human PRAME family member 1 (PRAMEF1) ELISA Kit

Catalog No: #EK8351

Orders: order@signalwayantibody.com

Package Size: #EK8351-1 48T #EK8351-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Human PRAME family member 1 (PRAMEF1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	RP5-1198H6.2; RP5-845O24.1; dJ1198H6.1;
Accession No.	O95521
Uniprot	O95521
GeneID	65121;
Storage	<p>The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

Application Details

Detect Range:0.156-10 ng/mL

Sensitivity:0.061 ng/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 μ L

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay 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 anyPRAMEF1 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.**Product Overview:**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 α/β horseshoe fold. It is composed of repeating 20C30 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 proteinCprotein interactions.

Note: This product is for in vitro research use only