

Human Pleckstrin homology domain-containing family H member 3 (PLEKHH3) ELISA Kit

Catalog No: #EK8441

Orders: order@signalwayantibody.com

Package Size: #EK8441-1 48T #EK8441-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Human Pleckstrin homology domain-containing family H member 3 (PLEKHH3) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	FLJ21019;
Accession No.	Q7Z736
Uniprot	Q7Z736
GeneID	79990;
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:31.25-2000 pg/mL

Sensitivity:15.1 pg/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

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 PLEKHH3 in samples. An antibody specific for PLEKHH3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyPLEKHH3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PLEKHH3 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 PLEKHH3 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**PLEKHH3 Contains 1 FERM domain.Contains 1 MyTH4 domain.Contains 1 PH domain.Pleckstrin homology domain (PH domain) is a protein domain of approximately 120 amino acids that occurs in a wide range of proteins involved in intracellular signaling or as constituents of the cytoskeleton.

This domain can bind Phosphatidylinositol lipids within biological membranes, and proteins such as the beta/gamma-subunits of heterotrimeric G proteins, and protein kinase C. Through these interactions, PH domains play a role in recruiting proteins to different membranes, thus targeting them to appropriate cellular compartments or enabling them to interact with other components of the signal transduction pathways.

Note: This product is for in vitro research use only