

Human AN1-type zinc finger protein 6 (ZFAND6) ELISA Kit

Catalog No: #EK5795

Package Size: #EK5795-1 48T #EK5795-2 96T

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Description

Product Name	Human AN1-type zinc finger protein 6 (ZFAND6) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	AWP1; ZA20D3; ZFAND5B; protein associated with PRK1 zinc finger; A20 domain containing 3
Accession No.	Q6FIF0
Uniprot	Q6FIF0
GeneID	54469;
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:0.056 ng/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 ZFAND6 in samples. An antibody specific for ZFAND6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyZFAND6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ZFAND6 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 ZFAND6 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Product Overview:The deduced 208-amino acid AWP1 protein has a calculated molecular mass of 22.56 kD and shares approximately 55% sequence homology with mouse Awp1 and human ZNF216. AWP1 has 2 conserved zinc finger domains: ZFA20 at its N terminus and ZFAN1 at its C terminus. It contains 2 potential PEST sequences, 4 putative N-glycosylation sites, 7 casein kinase II phosphorylation sites, and 2 N-myristoylation sites. It has a putative nuclear localization signal, but no N-terminal signal peptide, transmembrane domain, or endoplasmic reticulum retention or membrane retention motifs. Northern blot analysis detected ubiquitous expression of a 1.5-kb transcript in all tissues examined, with relatively high levels in heart, skeletal muscle, liver, kidney, and placenta.

Note: This product is for in vitro research use only