Human Transmembrane and TPR repeat-containing protein 3 (TMTC3) ELISA Kit

Catalog No: #EK6301

Package Size: #EK6301-1 48T #EK6301-2 96T

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Human Transmembrane and TPR repeat-containing protein 3 (TMTC3) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	DKFZp686C0968; DKFZp686M1969; DKFZp686O22167; DKFZp686O2342; FLJ90492; SMILE;
Accession No.	Q6ZXV5
Uniprot	Q6ZXV5
GeneID	160418;
Storage	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. 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).

Application Details

Detect Range:Request Information

Sensitivity:Request Information

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 TMTC3 in samples. An antibody specific for TMTC3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTMTC3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TMTC3 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 TMTC3 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:TMTC3 encodes a protein that belongs to the transmembrane and tetratricopeptide repeat-containing protein family. The tetratrico peptide repeat (TPR) is a structural motif present in a wide range of proteins. It mediates protein-protein interactions and the assembly of multiprotein complexes. The TPR motif consists of 3-16 tandem-repeats of 34 amino acids residues, although individual TPR motifs can be dispersed in the protein sequence. Sequence alignment of the TPR domains reveals a consensus sequence defined by a pattern of small and large amino acids. TPR motifs have been identified in various different organisms, ranging from bacteria to humans. Proteins containing TPRs are involved in a variety of biological processes, such as cell cycle regulation, transcriptional control, mitochondrial and peroxisomal protein transport, neurogenesis and protein folding.

Note: This product is for in vitro research use only