

Mouse Serine/threonine/tyrosine-interacting protein (STYX) ELISA Kit



Catalog No: #EK6714

Orders: order@signalwayantibody.com

Package Size: #EK6714-1 48T #EK6714-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Mouse Serine/threonine/tyrosine-interacting protein (STYX) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse (Mus musculus)
Other Names	FLJ42934; serine/threonine/tyrosine-interacting protein
Accession No.	Q60969
Uniprot	Q60969
GeneID	56291;
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:0.058 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 STYX in samples. An antibody specific for STYX has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anySTYX present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for STYX 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 STYX bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**MTMR8 encodes a myotubularin-related protein that, unlike most other members of the myotubularin-related protein family, has no dual-specificity phosphatase domain.

Myotubularin-related protein 9 is a myotubularin-related protein that is atypical to most other members of the myotubularin-related protein family because it has no dual-specificity phosphatase domain. The encoded protein contains a double-helical motif similar to the SET interaction domain, which is thought to have a role in the control of cell proliferation. In mouse, a protein similar to the encoded protein binds with MTMR7, and together they dephosphorylate phosphatidylinositol 3-phosphate and inositol 1,3-bisphosphate.

Note: This product is for in vitro research use only