Human Serine/arginine repetitive matrix protein 2 (SRRM2) ELISA Kit

Catalog No: #EK6660

Package Size: #EK6660-1 48T #EK6660-2 96T

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

Description

Product Name	Human Serine/arginine repetitive matrix protein 2 (SRRM2) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	300-KD; CWF21; DKFZp686O15166; FLJ21926; FLJ22250; KIAA0324; MGC40295; SRL300; SRm300; RNA binding protein|splicing coactivator subunit SRm300
Accession No.	Q9UQ35
Uniprot	Q9UQ35
GeneID	23524;
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:31.25-2000 pg/mL

Sensitivity:16 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 SRRM2 in samples. An antibody specific for SRRM2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anySRRM2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SRRM2 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 SRRM2 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:The deduced 2,752-amino acid protein has multiple R, S, and P residues, numerous phosphorylation sites, and a predicted molecular mass of 300 kD, suggesting that it may be the full-length protein. Immunoblot analysis detected GST fusion proteins of greater than 300 kD in human and rat cells. Northern blot analysis revealed expression of a 9.0- to 10.0-kb SRL300 transcript in all tissues and cell lines tested.Like SRM160, the deduced 2,296-amino acid SRM300 protein is rich in serine (S), arginine (R), and proline (P), has numerous SR dipeptides and 2 long polyserine domains, and lacks an RNA recognition domain. Reconstitution of SRM160/SRM300-depleted splicing reactions with recombinant SRM160 restored splicing activity, suggesting that SRM160 is the more important component of the complex.

Note: This product is for in vitro research use only