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Datasheet for ABIN6720090
MST1 ELISA Kit

Overview

Quantity:	1 kit
Target:	MST1
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	156 pg/mL - 10000 pg/mL
Minimum Detection Limit:	156 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: D3F15S2, D3F15S2h, D9H3F15S2, DNF15S2, DNF15S2h, Hepatocyte growth factor like protein, Hepatocyte growth factor like protein homolog, HGFL, Macrophage stimulating 1, Macrophage stimulatory protein, MSP, MST1, NF15S2</p> <p>Background: Macrophage Stimulating 1(SMT1), also known as Hepatocyte growth factor-like protein(HGFL) and MSP, is a protein that in humans is encoded by the MST1 gene. The HGFL gene was identified at the DNF15S2 locus on human chromosome 3(3p21). The RON tyrosine kinase), the receptor for MSP, is expressed on the ciliated epithelia of the mucociliary transport apparatus of the lung. Furthermore, MSP stimulated ciliary motility in these cells by activating</p>

Product Details

RON.

Gene Name: STK4

Production: Natural and recombinant mouse MSP. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: CHO, Immunogen sequence: Q19-E716

Target Details

Target: MST1

Alternative Name: MSP - MST1 ([MST1 Products](#))

Gene ID: 58231

NCBI Accession: [NP_067395](#)

UniProt: [P26928](#)

Application Details

Application Notes: Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 10,000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 312pg/mL, 156pg/mL mouse MSP standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of mouse cell culture supernates, serum or plasma(heparin, EDTA) to each empty well. It is recommended that each mouse MSP standard solution and each sample be measured in duplicate.

Blood Product Anticoagulant: Heparin Sodium

ELISA Dilution: 156pg/mL-10,000pg/mL

Sample Volume: 100 µL

Plate: Pre-coated

Restrictions: For Research Use only

Handling

Storage: RT,4 °C,-20 °C

Storage Comment: Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid

cycles of freezing and thawing.