

Datasheet for ABIN6964141

MST1R Protein (AA 25-957) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	MST1R
Protein Characteristics:	AA 25-957
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MST1R protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human MST1R Protein with C-terminal Human Fc tag
Specificity:	MST1R (Glu25-Thr957) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	MST1R
Alternative Name:	MST1R (MST1R Products)
Background:	This gene encodes a cell surface receptor for macrophage-stimulating protein (MSP) with

Target Details

tyrosine kinase activity. The mature form of this protein is a heterodimer of disulfide-linked alpha and beta subunits, generated by proteolytic cleavage of a single-chain precursor. The beta subunit undergoes tyrosine phosphorylation upon stimulation by MSP. This protein is expressed on the ciliated epithelia of the mucociliary transport apparatus of the lung, and together with MSP, thought to be involved in host defense. Alternative splicing generates multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing. [provided by RefSeq, Jan 2016]

Molecular Weight:	predicted molecular mass of 125.9 kDa after removal of the signal peptide. The apparent molecular mass of MST1R-hFc is 130-250 kDa due to glycosylation.
UniProt:	Q04912
Pathways:	RTK Signaling

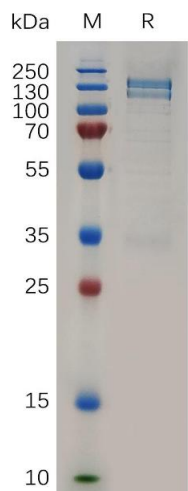
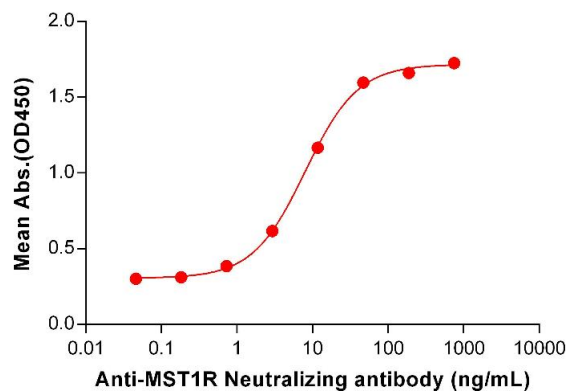
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months

Human MST1R, hFc Tagged protein ELISA
0.2 µg of Human MST1R, hFc tagged protein per well



ELISA

Image 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human R Protein, hFc Tag (ABIN6964141, ABIN7042561 and ABIN7042562) can bind Anti-R Neutralizing antibody ABIN7478014 and ABIN7490967 in a linear range of 0.73-46.88 ng/mL.

SDS-PAGE

Image 2. Human R Protein, hFc Tag on SDS-PAGE under reducing condition.