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Datasheet for ABIN6964141 MST1R Protein (Fc Tag)

Overview

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

Product Details

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|------------------|---|
| Purpose: | Recombinant Human MST1R Protein with C-terminal Human Fc tag |
| Specificity: | MST1R (Glu25-Thr957) hFc (Glu99-Ala330) |
| Characteristics: | Extracellular Domain Protein |
| Purification: | affinity purification |
| 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: | Synonymes: CD136, CDw136, NPCA3, PTK8, RON Description: This gene encodes a cell surface receptor for macrophage-stimulating protein (MSP) with tyrosine kinase activity. The mature form of this protein is a heterodimer of |

Target Details

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.

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

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

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