

Recombinant Human MST1R, GST-tagged, Active

Cat. No. MST1R-422H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MST1R (983-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. MW=71kDa.
Species	Human
Source	Sf9 Cells
Protein Length	983-end a.a.
Description	RON is a macrophage stimulating 1 receptor c-met-related tyrosine kinase. RON receptor tyrosine kinase interacts with HYAL2 receptor protein, rendering it functionally inactive. HYAL2 is a candidate tumor-suppressor glycosylphosphatidylinositol-anchored cell-surface protein that serves as an entry receptor for jaagsiekte sheep retrovirus, a virus that causes contagious lung cancer in sheep that is morphologically similar to human bronchioloalveolar carcinoma. It was shown that RON liberated from the association with HYAL2 becomes functionally active and activates the Akt and mitogen-activated protein kinase pathways.
Sequence	983-end.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

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GENE INFORMATION

Gene Name	MST1R macrophage stimulating 1 receptor (c-met-related tyrosine kinase) [Homo sapiens]
Synonyms	MST1R; macrophage stimulating 1 receptor (c-met-related tyrosine kinase); PTK8 protein tyrosine kinase 8; c-met-related tyrosine kinase; macrophage stimulating 1 receptor; soluble RON variant 1; soluble RON variant 2; soluble RON variant 3; soluble RON variant 4; RON; PTK8; CD136; CDw136; EC 2.7.10.1
Gene ID	4486
mRNA Refseq	NM_002447
Protein Refseq	NP_002438
MIM	600168
UniProt ID	Q04912
Chromosome Location	3p21.3
Function	ATP binding; macrophage colony stimulating factor receptor activity; magnesium ion binding; nucleotide binding; protein serine/threonine kinase activity; zinc ion binding; transferase activity

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