Recombinant Mouse Mst1r

Cat. No. Mst1r-1768M **Lot. No.** (See product label)

SPECIFICATION

Species	Mouse
Source	Mammalian Cells
Description	The macrophage stimulating protein receptor (MSP R), also known as RON, is a receptor protein tyrosine kinase of the met/hepatocyte growth factor receptor family. Binding of the macrophage stimulating protein to its receptor provokes changes in cell morphology and motility. Suppressing RON expression and activation decreases cancer cell proliferation and increases apoptotic death. Thus, blocking RON expression and activation has clinical significance in reversing malignant phenotypes and controlling tumor growth.
Molecular Weight	The predicted molecular weight of Recombinant Mouse MSP R is Mr 128.7 kDa.
State Of Matter	Lyophilized.
Purity	>90% by SDS Page and analyzed by silver stain.
Endotoxin	<0.1 ng per 1 ɡ as determined by the LAL method.
Storage And Stability	This lyophilized protein is stable for six to twelve months when stored desiccated at -20℃ to -70℃. After aseptic reconstitution, this protein may be stored at 2℃ to 8℃ for one month or at -20℃ to -70℃ in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage

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	instructions.

GENE INFORMATION

Gene Name	Mst1r macrophage stimulating 1 receptor (c-met-related tyrosine kinase) [Mus musculus]
Synonyms	Mst1r; macrophage stimulating 1 receptor (c-met-related tyrosine kinase); Fv2; Ron; STK; Fv-2; PTK8; CD136; CDw136; macrophage stimulating 1 receptor; p185-Ron; MSP receptor; c-met-related tyrosine kinase; friend virus susceptibility 2; stem cell-derived tyrosine kinase; receptor protein tyrosine kinase, c-met-related; macrophage-stimulating protein receptor precursor (MSP receptor) (p185-Ron) (Stem cell-derived tyrosine kinase); friend virus susceptibility 2
Gene ID	19882
mRNA Refseq	NM_009074
Protein Refseq	NP_033100
UniProt ID	Q62190
Chromosome Location	9 F1; 9 60.0 cM
Function	ATP binding; kinase activity; ; nucleotide binding; protein binding; protein kinase activity; protein tyrosine kinase activity; receptor activity; transferase activity; transmembrane receptor protein tyrosine kinase activity

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