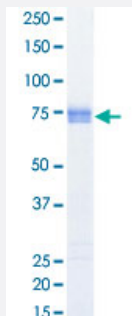


Bioactive

MST1R (Human) Recombinant Protein

Catalog # P5634 Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

□

Specification

Product Description	Human MST1R (NP_002438.1, 979 a.a. - 1400 a.a.) partial recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	75
Form	Liquid
Preparation Method	Baculovirus infected insect cell (Sf21) expression system
Purification	Glutathione sepharose chromatography and anion exchange chromatography
Purity	96 % by SDS-PAGE/CBB staining

Activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip 3000. Substrate: Src tide. ATP: 100 uM.
Quality Control Testing	Loading 1 ug protein in SDS-PAGE
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — MST1R

Entrez GeneID	4486
Protein Accession#	NP_002438.1
Gene Name	MST1R
Gene Alias	CD136, CDw136, PTK8, RON
Gene Description	macrophage stimulating 1 receptor (c-met-related tyrosine kinase)
Omim ID	600168
Gene Ontology	Hyperlink
Other Designations	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

Disease

- [Cardiovascular Diseases](#)
- [Colitis](#)

- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Multiple Sclerosis](#)
- [Schizophrenia](#)