

## Recombinant Human PTPRM, GST-tagged

Cat. No. PTPRM-2384H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PTPRM(aa 839-1100) is fused at the N-terminus to a GST-tag. It is expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Protein Length</b>	839-1100 a.a.
<b>Description</b>	PTP $\mu$ an Ig superfamily receptor protein tyrosine phosphatase, is involved in the control of cell-cell adhesion and the cadherin-catenin complex. It has also been shown to bind and recruit RACK1 to the plasma membrane.
<b>Application</b>	Study of enzyme kinetics and regulation, dephosphorylation of target substrates, and inhibitor screening.
<b>Storage</b>	-20°C.

### GENE INFORMATION

<b>Gene Name</b>	PTPRM protein tyrosine phosphatase, receptor type, M [ Homo sapiens ]
<b>Synonyms</b>	PTPRM; protein tyrosine phosphatase, receptor type, M; RPTPM; RPTPU; PTPRL1; hR-PTPu; R-PTP-MU; MGC166994; receptor-type tyrosine-protein phosphatase mu; protein tyrosine phosphatase mu; protein tyrosine phosphatase, receptor type, mu

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	polypeptide; EC 3.1.3.48
<b>Gene ID</b>	5797
<b>mRNA Refseq</b>	NM_001105244
<b>Protein Refseq</b>	NP_001098714
<b>MIM</b>	176888
<b>UniProt ID</b>	P28827
<b>Chromosome Location</b>	18p11
<b>Pathway</b>	Adherens junction; Cell adhesion molecules (CAMs)
<b>Function</b>	cadherin binding; hydrolase activity; protein binding; protein tyrosine phosphatase activity; transmembrane receptor protein tyrosine phosphatase activity

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