

Recombinant Human PTPRS

Catalog No: #GP13474



Package Size: #GP13474-1 100ug

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Description

Product Name	Recombinant Human PTPRS
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 30-128 amino acids of human PTPRS
Target Name	protein tyrosine phosphatase, receptor type S
Other Names	R-PTP-S; PTPSIGMA; R-PTP-sigma
Accession No.	Swissprot:Q13332Gene Accession:BC029496
Uniprot	Q13332
GeneID	5802;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains an extracellular region, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. The extracellular region of this protein is composed of multiple Ig-like and fibronectin type III-like domains. Studies of the similar gene in mice suggested that this PTP may be involved in cell-cell interaction, primary axonogenesis, and axon guidance during embryogenesis. This PTP has been also implicated in the molecular control of adult nerve repair. Four alternatively spliced transcript variants, which encode distinct proteins, have been reported.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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