

Recombinant Human PTPRN

Catalog No: #GP11901



Package Size: #GP11901-1 100ug

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Description

Product Name	Recombinant Human PTPRN
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 730-979 amino acids of human PTPRN
Target Name	protein tyrosine phosphatase, receptor type N
Other Names	IA2; IA-2; ICA512; R-PTP-N; IA-2/PTP
Accession No.	Swissprot:Q16849Gene Accession:BC007713
Uniprot	Q16849
GeneID	5798;
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 possesses an extracellular region, a single transmembrane region, and a single catalytic domain, and thus represents a receptor-type PTP. This PTP was found to be an autoantigen that is reactive with insulin-dependent diabetes mellitus (IDDM) patient sera, and thus may be a potential target of autoimmunity in diabetes mellitus. Alternate splicing results in multiple transcript variants.

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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