

## PTPRN 抗原（重组蛋白）

中文名称： PTPRN 抗原（重组蛋白）

英文名称： PTPRN Antigen (Recombinant Protein)

别 名： protein tyrosine phosphatase, receptor type N; IA2; IA-2; ICA512; R-PTP-N; IA-2/PTP

储 存： 冷冻（-20℃）

相关类别： 抗原

### 概述

Fusion protein corresponding to a region derived from 730-979 amino acids of human PTPRN

### 技术规格

<b>Full name:</b>	protein tyrosine phosphatase, receptor type N
<b>Synonyms:</b>	IA2; IA-2; ICA512; R-PTP-N; IA-2/PTP
<b>Swissprot:</b>	Q16849
<b>Gene Accession:</b>	BC007713
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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.

r-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.