

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

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