

Recombinant Human PTPN6

Catalog No: #GP10756



Package Size: #GP10756-1 100ug

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Description

Product Name	Recombinant Human PTPN6
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 244-515 amino acids of human protein tyrosine phosphatase, non-receptor type 6
Target Name	Protein tyrosine phosphatase, non-receptor type 6
Other Names	HCP; HCPH; SHP1; SHP-1; HPTP1C; PTP-1C; SHP-1L; SH-PTP1
Accession No.	Swissprot:P29350Gene Accession:BC002523
Uniprot	P29350
GenID	5777;
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. N-terminal part of this PTP contains two tandem Src homolog (SH2) domains, which act as protein phospho-tyrosine binding domains, and mediate the interaction of this PTP with its substrates. This PTP is expressed primarily in hematopoietic cells, and functions as an important regulator of multiple signaling pathways in hematopoietic cells. This PTP has been shown to interact with, and dephosphorylate a wide spectrum of phospho-proteins involved in hematopoietic cell signaling. Multiple alternatively spliced variants of this gene, which encode distinct isoforms, 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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