

# Recombinant Human PTP4A2

Catalog No: #GP10722



Package Size: #GP10722-1 100ug

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## Description

Product Name	Recombinant Human PTP4A2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 2-164 amino acids of human protein tyrosine phosphatase type IVA, member 2
Target Name	protein tyrosine phosphatase type IVA, member 2
Other Names	HH13; OV-1; PRL2; HH7-2; PRL-2; PTP4A; HU-PP-1; PTPCAAX2; ptp-IV1a; ptp-IV1b
Accession No.	Swissprot:Q12974Gene Accession:BC070182
Uniprot	Q12974
GenID	8073;
Storage	-20~-80°C, pH 7.6 PBS

## Background

The protein encoded by this gene belongs to a small class of the protein tyrosine phosphatase (PTP) family. PTPs are cell signaling molecules that play regulatory roles in a variety of cellular processes. PTPs in this class contain a protein tyrosine phosphatase catalytic domain and a characteristic C-terminal prenylation motif. This PTP has been shown to primarily associate with plasmic and endosomal membrane through its C-terminal prenylation. This PTP was found to interact with the beta-subunit of Rab geranylgeranyltransferase II (beta GGT II), and thus may function as a regulator of GGT II activity. Overexpression of this gene in mammalian cells conferred a transformed phenotype, which suggested its role in tumorigenesis. Alternatively spliced transcript variants have been described. Related pseudogenes exist on chromosomes 11, 12 and 17.

## 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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