



# Human PTP4A3 peptide (DAG-P1852)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the protein-tyrosine phosphatase family. Protein tyrosine phosphatases are cell signaling molecules that play regulatory roles in a variety of cellular processes. Studies of this class of protein tyrosine phosphatase in mice demonstrates that they are prenylated in vivo, suggesting their association with cell plasma membrane. The encoded protein may enhance cell proliferation, and overexpression of this gene has been implicated in tumor metastasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PTP4A3 protein tyrosine phosphatase type IVA, member 3 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	PTP4A3
<b>Synonyms</b>	PTP4A3; protein tyrosine phosphatase type IVA, member 3; PRL3; PRL-3; PRL-R; protein tyrosine phosphatase type IVA 3; protein-tyrosine phosphatase 4a3; potentially prenylated protein tyrosine phosphatase; protein-tyrosine phosphatase of regenerating liver 3;
<b>Entrez Gene ID</b>	<a href="#">11156</a>

<b>mRNA Refseq</b>	<a href="#">NM_007079.3</a>
<b>Protein Refseq</b>	<a href="#">NP_009010.2</a>
<b>UniProt ID</b>	O75365
<b>Chromosome Location</b>	8q24.3
<b>Pathway</b>	Signaling events mediated by PRL, organism-specific biosystem;
<b>Function</b>	prenylated protein tyrosine phosphatase activity;