

## Recombinant Human PTP4A3, GST-tagged

Cat. No. PTP4A3-676H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human PRL-3 was produced in <i>E. coli</i> . The catalytic domain of PRL-3 (aa 2-173) is fused at the N-terminus to a GST-tag. 45.4 kDa.
<b>Species</b>	Human
<b>Source</b>	<i>E. coli</i>
<b>Protein Length</b>	2-173 a.a.
<b>Description</b>	PRL phosphatases comprise a class of small phosphatases with oncogenic activity, which are prenylated at their C-termini. PRL-3 is overexpressed in colon tumors metastasizing to the liver, but not in normal colorectal epithelium.
<b>Source/Host</b>	<i>E. coli</i> .
<b>Application</b>	Study of enzyme kinetics and regulation, dephosphorylation of target substrates, and inhibitor screening.
<b>Long Term Storage</b>	-20°C.

### GENE INFORMATION

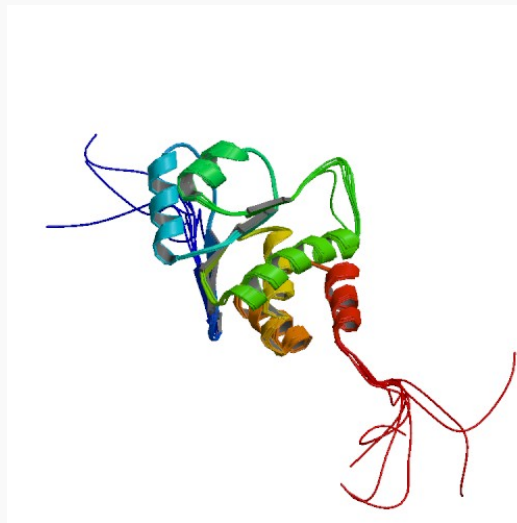
<b>Gene Name</b>	PTP4A3 protein tyrosine phosphatase type IVA, member 3 [ <i>Homo sapiens</i> ]
<b>Synonyms</b>	PTP4A3; protein tyrosine phosphatase type IVA, member 3; PRL3; PRL-3; PRL-R;

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potentially prenylated protein tyrosine phosphatase; EC 3.1.3.48

**Gene ID** 11156**mRNA Refseq** NM\_007079**Protein Refseq** NP\_009010**MIM** 606449**UniProt ID** O75365**Chromosome  
Location** 8q24.3**Function** hydrolase activity; identical protein binding; prenylated protein tyrosine phosphatase activity**PDB rendering based  
on 1r6h.** Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA