

Recombinant Human PTP4A3, GST-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	<i>E. coli</i>
Protein Length	2-173 a.a.
Description	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.
Source/Host	<i>E. coli</i> .
Application	Study of enzyme kinetics and regulation, dephosphorylation of target substrates, and inhibitor screening.
Long Term Storage	-20°C.

GENE INFORMATION

Gene Name	PTP4A3 protein tyrosine phosphatase type IVA, member 3 [<i>Homo sapiens</i>]
Synonyms	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

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