

Recombinant Human PTP4A1, GST-tagged

Cat. No. PTP4A1-674H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PRL-1 was produced in <i>E. coli</i> . The catalytic domain of PRL-1 (aa 2-173) is fused at the N-terminus to a GST-tag, 45.7 kDa.
Species	Human
Source	E.coli
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-1 is overexpressed during cell proliferation in the liver and during differentiation of epithelial cells in the digestive tract.
Source/Host	E. coli.
Application	Study of enzyme kinetics and regulation, dephosphorylation of target substrates, and inhibitor screening.
Long Term Storage	-20°C.

GENE INFORMATION

Gene Name	PTP4A1 protein tyrosine phosphatase type IVA, member 1 [Homo sapiens]
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Synonyms	protein tyrosine phosphatase type IVA, member 1; HH72; PRL1; PRL-1; PTPCAAX1; PTP(CAAX1); DKFZp779M0721; PTP4A1; protein tyrosine phosphatase type IVA 1; PTP(CAAXI); protein-tyrosine phosphatase 4a1; Protein tyrosine phosphatase IVA1; protein tyrosine phosphatase type IVA protein 1; protein-tyrosine phosphatase of regenerating liver 1; Protein-tyrosine phosphatase 4a1; Protein-tyrosine phosphatase of regenerating liver 1; EC 3.1.3.48
Gene ID	7803
mRNA Refseq	NM_003463
Protein Refseq	NP_003454
MIM	601585
UniProt ID	Q93096
Chromosome Location	6q12
Function	protein tyrosine phosphatase activity; hydrolase activity

PDB rendering based
on 1rxl.

