

Recombinant Human PTP4A2, GST-tagged

Cat. No. PTP4A2-675H Lot. No. (See product label)

SPECIFICATION

| | |
|--------------------------|---|
| Product Overview | Recombinant human PRL-2 was produced in <i>E. coli</i> . The catalytic domain of PRL-2 (aa 2-167) is fused at the N-terminus to a GST-tag. 45 kDa. |
| Species | Human |
| Source | <i>E. coli</i> |
| Protein Length | 2-167 a.a. |
| Description | PRL phosphatases comprise a class of small phosphatases with oncogenic activity, which are prenylated at their C-termini. PRL-2 is associated with the regulation of mitosis. |
| 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 | PTP4A2 protein tyrosine phosphatase type IVA, member 2 [<i>Homo sapiens</i>] |
| Synonyms | PTP4A2; protein tyrosine phosphatase type IVA, member 2; HH13; OV-1; PRL2; |

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HH7-2; PRL-2; PTP4A; HU-PP-1; PTPCAAX2; ptp-IV1a; ptp-IV1b; Protein tyrosine phosphatase type IVA 2; EC 3.1.3.48; Protein-tyrosine phosphatase 4a2; BM-008; Protein-tyrosine phosphatase of regenerating liver 2

Gene ID [8073](#)

mRNA Refseq [NM_080391](#)

Protein Refseq [NP_536316](#)

MIM [601584](#)

UniProt ID [Q12974](#)

Chromosome Location 1p35

Function prenylated protein tyrosine phosphatase activity; hydrolase activity; protein binding

PDB rendering based on 1rxd.



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