

## Recombinant Human PTP4A2 protein(Asn2-Gln167), GST-tagged

**Cat. No.** PTP4A2-2546H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human PTP4A2 protein(Q12974-1)(Asn2-Gln167), fused with N-terminal GST tag, was expressed in E. coli.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | Asn2-Gln167  |
| <b>similar</b>          | PTP4A2   |
| <b>Alias</b>            | PTP4A2; protein tyrosine phosphatase type IVA, member 2; PTP4A; protein tyrosine phosphatase type IVA 2; HU PP 1; OV 1; PRL 2; ptp IV1a; PTPCAAX2; PTP(CAAXII); protein tyrosine phosphatase IVA; protein-tyrosine phosphatase 4a2; protein tyrosine phosphatase IVA2; phosphatase of regenerating liver 2; protein-tyrosine phosphatase of regenerating liver 2; HH13; OV-1; PRL2; HH7-2; PRL-2; HU-PP-1; ptp-IV1a; ptp-IV1b; |
| <b>Conjugate</b>        | N-GST  |
| <b>Form</b>             | Lyophilized from sterile 50mM Tris, 0.15M NaCl, 1mM GSH, pH 7.3. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.  |

 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

|                              |   |
|------------------------------|---|
| <b>Bioactivity</b>           |   |
| <b>MolecularMass</b>         | The recombinant human PTP4A2/GST chimera consists of 397 amino acids and has a predicted molecular mass of 45.9 kDa. It migrates as an approximately 45 kDa band in SDS-PAGE under reducing conditions.   |
| <b>Endotoxin</b>             | < 1.0 EU per µg protein as determined by the LAL method.  |
| <b>Purity</b>                | > 90 % as determined by SDS-PAGE  |
| <b>Storage</b>               | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>        | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.   |
| <b>GeneName</b>              | PTP4A2 protein tyrosine phosphatase type IVA, member 2 [ Homo sapiens ]   |
| <b>GeneNameWeblink</b>       | <a href="#">8073</a>  |
| <b>OfficialSymbol</b>        | PTP4A2  |
| <b>OfficialSymbolWeblink</b> | <a href="#">8073</a>  |
| <b>GeneID</b>                | 8073  |
| <b>GeneIDWeblink</b>         | <a href="#">8073</a>  |
| <b>mRNARefseq</b>            | NM_001195100  |

 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


|                             |                                |
|-----------------------------|--------------------------------|
| <b>mRNARefseqWeblink</b>    | <a href="#">NM_001195100.1</a> |
| <b>ProteinRefseqWeblink</b> | <a href="#">NP_001182029.1</a> |
| <b>MIMWeblink</b>           | <a href="#">601584</a>         |
| <b>UniProtID</b>            | Q12974                         |
| <b>UniProtIDWeblink</b>     | <a href="#">Q12974</a>         |

## GENE INFORMATION

|                 |  |
|-----------------|--|
| <b>Synonyms</b> | PTP4A2; protein tyrosine phosphatase type IVA, member 2; PTP4A; protein tyrosine phosphatase type IVA 2; HU PP 1; OV 1; PRL 2; ptp IV1a; PTPCAAX2; PTP(CAAXII); protein tyrosine phosphatase IVA; protein-tyrosine phosphatase 4a2; protein tyrosine phosphatase IVA2; phosphatase of regenerating liver 2; protein-tyrosine phosphatase of regenerating liver 2; HH13; OV-1; PRL2; HH7-2; PRL-2; HU-PP-1; ptp-IV1a; ptp-IV1b; |
| <b>MIM</b>      | 601584   |

 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