

## Recombinant Human PTPN11 protein, His-tagged

Cat. No. PTPN11-4533H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human PTPN11 protein(Q06124)(2-593aa(T253M,Q257L)), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                           |
| Species          | Human                                                                                                                                                                                                                                                                                                             |
| Source           | E.coli                                                                                                                                                                                                                                                                                                            |
| ProteinLength    | 2-593aa(T253M,Q257L)                                                                                                                                                                                                                                                                                              |
| Form             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                |
| Molecular Mass   | 73.9 kDa                                                                                                                                                                                                                                                                                                          |
| Purity           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                       |
| Storage          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                    |
| Reconstitution   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

 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

**AA Sequence**

TSRRWFHPNITGVEAENLLLTRGVDGSFLARPSKSNPGDFTLSVRRNGAVTHIKIQN  
 TGDYYDLYGGEKFATLAELVQYYMEHHGQLKEKNGDVIELKYPLNCADPTSERWFH  
 GHLSGKEAEKLLTEKGKHGSFLVRESQSHPGDFVLSVRTGDDKGESNDGKSKVTH  
 VMIRCQELKYDVGGGERFDSLTDLVEHYKKNPMTVETLGTVLQLKQPLNTRINAAEI  
 ESRVRELSKLAETTDKVKQGFWEFEMLQQLECKLLYSRKEGQRQENKNKNRYKNI  
 LPFDHTRVVLHDGDPNEPVSDYINANIIMPEFETKCNNSPKPKSYIATQGCLQNTVND  
 FWRMVFQENSRVIVMTTKEVERGKSKCVKYWPDEYALKEYGVMRVRNVKESAAHD  
 YTLRELKLSKVGQGNTERTVWQYHFRTWPDHGVPSDPGGVLDLFLEEVHHKQESIM  
 DAGPVVVHCSAGIGRTGTFIVIDILIDIIREKGVDCDIDVPKTIQMVRSQRSGMVQTEA  
 QYRFIYMAVQHYIETLQRRIEEEQKSKRKGHEYTNIKYSLADQTSGDQSPLPPCTPT  
 PPCAEMREDSARVYENVGLMQQKQSF

**GENE INFORMATION**

|                        |                                                                                                                                                                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PTPN11 protein tyrosine phosphatase, non-receptor type 11 [ Homo sapiens ]                                                                                                                                                                                                                                                         |
| <b>Official Symbol</b> | PTPN11                                                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | PTPN11; protein tyrosine phosphatase, non-receptor type 11; Noonan syndrome 1 , NS1; tyrosine-protein phosphatase non-receptor type 11; BTP3; PTP2C; SH PTP2; SHP 2; SHP2; PTP-2C; protein tyrosine phosphatase-2; protein-tyrosine phosphatase 1D; protein-tyrosine phosphatase 2C; CFC; NS1; PTP-1D; SH-PTP2; SH-PTP3; MGC14433; |
| <b>Gene ID</b>         | 5781                                                                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>     | NM_002834                                                                                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>  | NP_002825                                                                                                                                                                                                                                                                                                                          |
| <b>MIM</b>             | 176876                                                                                                                                                                                                                                                                                                                             |

 Tel: 1-631-559-9269 1-516-512-3133

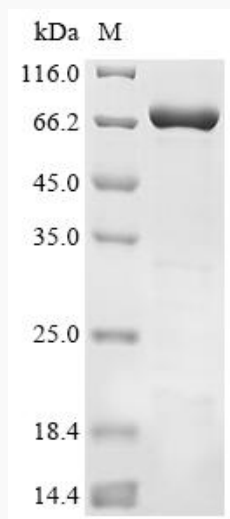
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q06124

SDS-PAGE



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