

## Recombinant Human PTPN11 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PTPN11 protein(Q06124)(2-593aa(T253M,Q257L)), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-593aa(T253M,Q257L)
<b>Form</b>	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.
<b>Molecular Mass</b>	73.9 kDa
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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.

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**AA Sequence**

TSRRWFHPNITGVEAENLLLTRGVDGSFLARPSKSNPGDFTLSVRRNGAVTHIKIQN  
 TGDYYDLYGGGEKFATLAELVQYYMEHHGQLKEKNGDVIELKYPLNCADPTSERWFH  
 GHLSGKEAEKLLTEKGKHGSFLVRESQSHPGDFVLSVRTGDDKGESNDGKSKVTH  
 VMIRCQELKYDVGGGERFDSLTDLVEHYKKNPMVETLGTVLQLKQPLNTRINAAEI  
 ESRVRELSKLAETTDKVKQGFWEFEMLQQLECKLLYSRKEGQRQENKNKNRYKNI  
 LPFDHTRVVLHDGDPNEPVSDYINANIIMPEFETKCNNSPKKSYIATQGCLQNTVND  
 FWRMVFQENSRVIVMTTKEVERGKSKCVKYWPDEYALKEYGVMRVRNVKESAAHD  
 YTLRELKLSKVGQGNTERTVWQYHFRTWPDHGVPSDPGGVLDLFLEEVHHKQESIM  
 DAGPVVVHCSAGIGRTGTFIVIDILIDIIREKGVDCDIDVPKTIQMVRSSQRSGMVQTEA  
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 PPCAEMREDSARVYENVGLMQQQKFSR

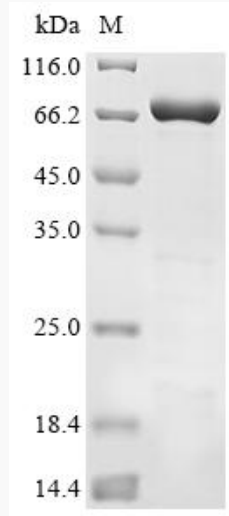
**GENE INFORMATION**

<b>Gene Name</b>	<a href="#">PTPN11 protein tyrosine phosphatase, non-receptor type 11 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">PTPN11</a>
<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>	<a href="#">5781</a>
<b>mRNA Refseq</b>	<a href="#">NM_002834</a>
<b>Protein Refseq</b>	<a href="#">NP_002825</a>
<b>MIM</b>	<a href="#">176876</a>

UniProt ID

Q06124

SDS-PAGE



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