

## Recombinant Full Length Mouse Ptpn11, His tagged

**Cat. No.** Ptpn11-8674M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ptpn11 protein(P35235-2)(Met1-Arg593), fused with C-terminal His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Arg593
<b>similar</b>	Ptpn11
<b>Alias</b>	PTPN11; protein tyrosine phosphatase, non-receptor type 11; tyrosine-protein phosphatase non-receptor type 11; protein-tyrosine phosphatase SYP; SH2 domain-containing protein tyrosine phosphatase-2; Syp; Shp2; PTP1D; PTP2C; SAP-2; SHP-2; SH-PTP2; SH-PTP3; AW536184; 2700084A17Rik;
<b>Conjugate</b>	C-His
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bioactivity</b>	
<b>MolecularMass</b>	The recombinant mouse PTPN11 comprises 604 amino acids and has a predicted molecular mass of 69.5 kDa. The apparent molecular mass of the protein is

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	approximately 65 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the 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>	Ptpn11 protein tyrosine phosphatase, non-receptor type 11 [ Mus musculus ]
<b>GeneNameWeblink</b>	<a href="#">19247</a>
<b>OfficialSymbol</b>	Ptpn11
<b>OfficialSymbolWeblink</b>	<a href="#">19247</a>
<b>GeneID</b>	19247
<b>GeneIDWeblink</b>	<a href="#">19247</a>
<b>mRNARefseq</b>	NM_001109992
<b>mRNARefseqWeblink</b>	<a href="#">NM_001109992.1</a>
<b>ProteinRefseqWeblink</b>	<a href="#">NP_001103462.1</a>

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<b>MIMWeblink</b>	
<b>UniProtID</b>	
<b>UniProtIDWeblink</b>	
<b>GENE INFORMATION</b>	
<b>Synonyms</b>	PTPN11; protein tyrosine phosphatase, non-receptor type 11; tyrosine-protein phosphatase non-receptor type 11; protein-tyrosine phosphatase SYP; SH2 domain-containing protein tyrosine phosphatase-2; Syp; Shp2; PTP1D; PTP2C; SAP-2; SHP-2; SH-PTP2; SH-PTP3; AW536184; 2700084A17Rik;
<b>MIM</b>	

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