

Recombinant Full Length Mouse Ptpn11, His tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Ptpn11 protein(P35235-2)(Met1-Arg593), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Arg593
similar	Ptpn11
Alias	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;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	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.
Reconstitution	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.
GeneName	Ptpn11 protein tyrosine phosphatase, non-receptor type 11 [Mus musculus]
GeneNameWeblink	19247
OfficialSymbol	Ptpn11
OfficialSymbolWeblink	19247
GenelD	19247
GenelDWeblink	19247
mRNARefseq	NM_001109992
mRNARefseqWeblink	NM_001109992.1
ProteinRefseqWeblink	NP_001103462.1

MIMWeblink	
UniProtID	
UniProtIDWeblink	
GENE INFORMATION	
Synonyms	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;
MIM	

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