

## Recombinant Mouse Ptpn6 protein(1-595aa), His-tagged

Cat. No. Ptpn6-8532M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ptpn6 protein(P29351)(1-595aa), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-595aa
<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>	71.6 kDa
<b>Purity</b>	Greater than 85% 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**

MVRWFHRDLSGPDAETLLKGRGVPGSFLARPSRKNQGDFSLSVRVDDQVTHIRIQN  
 SGDFYDLYGGEKFATLTELVEYYTQQQGILQDRDGTIIHLKYPLNCSDPTSERWYHG  
 HISGGQAESLLQAKGEPWTFVLVRESLSQPGDFVLSVLNDQPKAGPGSPLRVTHIKV  
 MCEGGRYTVGGSETFDSLTDLVEHFKKTGIEEASGAFVYLRQPYYATRVAADIENR  
 VLELNKKQESED TAKAGFWEEFESLQKQEVKNLHQRLEGQRPENKSKNRYKNILPF  
 DHSRVILQGRDSNIPGSDYINANYVKNQLLGPDENSKTYIASQGCLDATVNDFWQM  
 AWQENTRVIVMTTREVVEKGRNKCVPYWPEVGTQQRVYGLYSVTNSREHDTAEYKLR  
 TLQISPLDNGDLVREIWHYQYLSWPDHGVPEPGGVLSFLDQINQRQESLPHAGPII  
 VHCSAGIGRTGTIIVIDMLMESISTKGLDCDIDIQKTIQMVRAQRSGMVQTEAQYKFIY  
 VAIAQFIETTKKKLEIIQSQKGQSESEYGNITYPPAVRSAHAKASRTSSKHKEEVYENV  
 HSKSKKEEKVKKQRSADKEKNKGS�KRK

**GENE INFORMATION**

**Gene Name** [Ptpn6 protein tyrosine phosphatase, non-receptor type 6 \[ Mus musculus \]](#)

**Official Symbol** [Ptpn6](#)

**Synonyms**

PTPN6; protein tyrosine phosphatase, non-receptor type 6; tyrosine-protein phosphatase non-receptor type 6; PTP-1C; 70Z-SHP; SH-PTP1; PTPTY-42; hemopoietic cell phosphatase; protein-tyrosine phosphatase 1C; hematopoietic cell protein-tyrosine phosphatase; me; hcp; Hcph; Ptp1C; SHP-1; motheaten;

**Gene ID** [15170](#)

**mRNA Refseq** [NM\\_001077705](#)

**Protein Refseq** [NP\\_001071173](#)

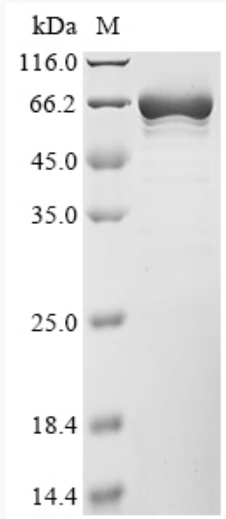
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SDS-PAGE



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