

## 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  
 MCEGGRYTVGGSETFDSLTDLVEHFKKTGIEEASGAFVYLRQPYATRVNAADIENR  
 VLELNKKQESED TAKAGFWEEFESLQKQEVKNLHQRLEGQRPENKSKNRYKNILPF  
 DHSRVILQGRDSNIPGSDYINANYVKNQLLGPDENSKTYIASQGCLDATVNDFWQM  
 AWQENTRVIVMTTREVEKGRNKCVPYWPEVGTQRVYGLYSVTNSREHDTAEYKLR  
 TLQISPLDNGDLVREIWHYQYLSWPDHGVSEPGGVLSFLDQINQRQESLPHAGPII  
 VHCSAGIGRTGTIIVIDMLMESISTKGLDCDIDIQKTIQMVRAQRSGMVQTEAQYKFIY  
 VAIAQFIETTKKKLEIIQSQKGQSEYGNITYPPAVRSAHAKASRTSSKHKEEVYENV  
 HSKSKKEEKVKKQRSADKEKNKGSLKRK

**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](#)

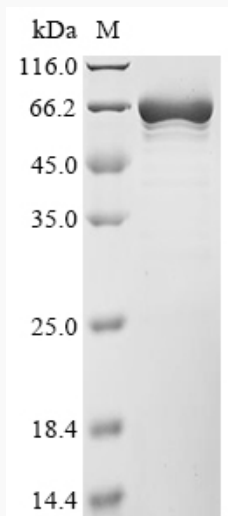
**mRNA Refseq** [NM\\_001077705](#)

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

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**SDS-PAGE**

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