

## Product datasheet for **TP507242**

### **Ptpn18 (NM\_011206) Mouse Recombinant Protein**

#### **Product data:**

|  |   |
|--|---|
| <b>Product Type:</b>                         | Recombinant Proteins  |
| <b>Description:</b>                          | Purified recombinant protein of Mouse protein tyrosine phosphatase, non-receptor type 18 (Ptpn18), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug  |
| <b>Species:</b>                              | Mouse   |
| <b>Expression Host:</b>                      | HEK293T   |
| <b>Expression cDNA Clone or AA Sequence:</b> | >MR207242 representing NM_011206<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)<br><br>MSRHTDLVRSFLEQLEARDYREGAILAREFSDIKARSVAWKSEGVCSTKAGSRLGNTNKNRYKDVWAYDE<br>TRVILLSLQEEGHGDYINANFIRGIDGSQAYIATQGPLPHTLLDFWRLVWEFGVKVILMACQETENGRRK<br>CERYWAREQEPLKAGPFCITLTKETTLNADITLRTLQVTFQKEFRSVHQLQYMSWPDHGVPSSSHILTM<br>VEEARCLQGLGPGPLCVHCSAGCGRTGVLCAVDYVVRQLLLTQTIPPNSFLFQVWLEMRKQRPAAVQTEEQ<br>YRFLYHTVAQLFSRTLQDTSPHYQNLKENCAPICKEAFSLRTSSALPATSRPPGGVLRISVPPAPPTLPM<br>ADTYAVVQKRGASAGTGGPAPTSTDTPIYSQVAPRAQRPAHTEDAQGTALRRVPADQNSSGPDAYE<br>EVTDGAQTGGLGFNLIRGRPKGPRDPPAEWTRV<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| <b>Tag:</b>                                  | C-MYC/DDK   |
| <b>Predicted MW:</b>                         | 50.7 kDa  |
| <b>Concentration:</b>                        | >0.05 µg/µL as determined by microplate BCA method  |
| <b>Purity:</b>                               | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| <b>Buffer:</b>                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  |
| <b>Note:</b>                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  |
| <b>Storage:</b>                              | Store at -80°C after receiving vials.   |
| <b>Stability:</b>                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.   |
| <b>RefSeq:</b>                               | <a href="#">NP_035336</a>   |
| <b>Locus ID:</b>                             | 19253   |



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UniProt ID: [Q61152](#)

RefSeq Size: 1587

Cytogenetics: 1 13.25 cM

RefSeq ORF: 1359

Synonyms: FLP1; HSCF; PTP-HSCF; PTP-K1; Ptpk1

Summary: May be involved in growth and differentiation of hematopoietic cells.[UniProtKB/Swiss-Prot Function]