

## Recombinant Mouse Pdgfd protein, His/SUMO-tagged

**Cat. No.** Pdgfd-390M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                           |
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| <b>Product Overview</b> | Recombinant Mouse Pdgfd(24-370aa) fused with His/SUMO tag was expressed in E. coli.                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | 24-370aa                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | 20mM Tris-HCl based buffer,pH8.0                                                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | 56.2kD                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | TPQRASIKALRNANLRRDESNHLTDLYQREENIQVTSNGHVQSPRFPNSYPRNLLLT<br>WWLRSQEKTRIQLSFDHQ FGLEEAENDICRYDFVEVEEVSESTVVRGRWCGHKE<br>IPPRITSRTNQIKITFKSDDYFVAKPGFKIYYSFVEDF QPEAASETNWESVTSSFSGV<br>SYHSPSITDPTLTADALDKTVAEFDTVEDLLKHFNVPVSWQDDLENLYLDTPHYRG RS<br>YHDRKSKVDLDRNLDDVKRYSCTPRNHSVNLREELKLTNAVFFPRCLLVQRCGGNC<br>GCGTVNWKSCCTCSSGKT VKKYHEVLKFEPGHFKRRGKAKNMALVDIQLDHHHERCD<br>CICSSRPPR |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage</b>          | Store at -20 centigrade, for extended storage, conserve at -20 centigrade or -80 centigrade.                                                                                                                                                                                                                                                                                              |

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## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | Pdgfd platelet-derived growth factor, D polypeptide [ Mus musculus ]                                                                                                                                                                                                                                                                           |
| <b>Official Symbol</b>     | Pdgfd                                                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>            | PDGFD; platelet-derived growth factor, D polypeptide; platelet-derived growth factor D; PDGF-D; SCDGF-B; spinal cord-derived growth factor B; 1110003I09Rik;                                                                                                                                                                                   |
| <b>Gene ID</b>             | 71785                                                                                                                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>         | NM_027924                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>      | NP_082200                                                                                                                                                                                                                                                                                                                                      |
| <b>MIM</b>                 |                                                                                                                                                                                                                                                                                                                                                |
| <b>UniProt ID</b>          | Q925I7                                                                                                                                                                                                                                                                                                                                         |
| <b>Chromosome Location</b> | 9; 9 A1                                                                                                                                                                                                                                                                                                                                        |
| <b>Pathway</b>             | Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem; Gap junction, organism-specific biosystem; Gap junction, conserved biosystem; |
| <b>Function</b>            | growth factor activity; platelet-derived growth factor receptor binding;                                                                                                                                                                                                                                                                       |

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