

## Recombinant Mouse Pitx1 protein

**Cat. No.** Pitx1-4866M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Pitx1 protein(P70314)(1-315 aa) was expressed in Baculovirus.                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | Baculovirus                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 1-315 aa                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | Tris/PBS-based buffer, 6% Trehalose.                                                                                                                                                                                                                                                                                                                                         |
| <b>AASequence</b>       | MDAFKGGMSL ERLPEGLRPP PPPPHDMGPS FHLARAADPR EPLENSASES<br>SDADLPDKER GGEAKGPEDG GAGSAGCGGG AEDPAKKKKQ RRQRTHTFSQ<br>QLQELEATFQ RNRYPDMSMR EEIAVWTNLT EPRVRVWFKN RRAKWRKRER<br>NQQLDLCKGG YVPQFSGLVQ PYEDVYAAGY SYNNWAAKSL APAPLSTKSF<br>TFFNSMSPLS SQSMFSAPSS ISSMTMPSSM GPGAVPGMPN SGLNNINNLT<br>GSSLNSAMSP GACPYGTPAS PYSVYRDTCN SSLASLRLKS KQHSSFGYGG<br>LQGPASGLNA CQYNS |
| <b>Purity</b>           | >85% (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>   | Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.                                                                                                                                                                                                                                           |

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## GENE INFORMATION

|                 |                                                                                                                                                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Pitx1 paired-like homeodomain transcription factor 1 [ Mus musculus ]                                                                                                                                                            |
| Official Symbol | Pitx1                                                                                                                                                                                                                            |
| Synonyms        | PITX1; paired-like homeodomain transcription factor 1; pituitary homeobox 1; homeobox protein P-OTX; homeobox protein PITX1; pituitary OTX-related factor; hindlimb-expressed homeobox protein backfoot; Bft; Potx; Ptx1; P-OTX; |
| Gene ID         | 18740                                                                                                                                                                                                                            |
| mRNA Refseq     | NM_011097                                                                                                                                                                                                                        |
| Protein Refseq  | NP_035227                                                                                                                                                                                                                        |

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