

# Recombinant Mouse Hoxb13 protein

**Cat. No.** Hoxb13-5135M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Hoxb13 protein(P70321)(1-286 aa) was expressed in Baculovirus.                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | Baculovirus                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-286 aa                                                                                                                                                                                                                                                                                                                                 |
| <b>Form</b>             | Tris/PBS-based buffer, 6% Trehalose.                                                                                                                                                                                                                                                                                                     |
| <b>AASequence</b>       | MEPGNYATLD GAKDIEGLLG AGGGRNLVSH SSPLASHPAA PTLMPTVNYA<br>PLDLPGSAEP PKQCHPCPGV PQGASPAPVP YGYFGGGYYS CRVSRSSLKP<br>CAQTAALATY PSETPAPGEE YPSRPTEFAF YPGYPGPYQP MASYLDVSVV<br>QTLGAPGEPR HDSLLPVDSY QPWALAGGWN SQMCCQGEQN PPGPFWKAAF<br>AEPSVQHPPP DGCAFRRGRK KRIPYSGQL RELEREYAAN KFITKDKRRK<br>ISAATSLSER QITIWFQNRV VKEKKVLAKV KTSTTP |
| <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>   | 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                                                                                                                                                                     |

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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.

## GENE INFORMATION

|                 |                                                                |
|-----------------|----------------------------------------------------------------|
| Gene Name       | Hoxb13 homeobox B13 [ Mus musculus ]                           |
| Official Symbol | Hoxb13                                                         |
| Synonyms        | HOXB13; homeobox B13; homeobox protein Hox-B13; homeo box B13; |
| Gene ID         | 15408                                                          |
| mRNA Refseq     | NM_008267                                                      |
| Protein Refseq  | NP_032293                                                      |

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