

## Recombinant Mouse Reg3b, His tagged

**Cat. No.** Reg3b-323M    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Mouse Reg3b (NP_035166.1) (Met1-Gly175), fused with a C-terminal polyhistidine tag, was produced in Human Cells.                                                                                                         |
| <b>Species</b>              | Mouse                                                                                                                                                                                                                                |
| <b>Source</b>               | Human Cells                                                                                                                                                                                                                          |
| <b>ProteinLength</b>        | 1-175 a.a.                                                                                                                                                                                                                           |
| <b>Predicted N Terminal</b> | Glu 27                                                                                                                                                                                                                               |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.                                                                                                      |
| <b>Molecular Mass</b>       | The recombinant mouse REG3B comprises 160 amino acids and has a predicted molecular mass of 18.1 kDa. The apparent molecular mass of the protein is approximately 19 kDa in SDS-PAGE under reducing conditions due to glycosylation. |
| <b>Endotoxin</b>            | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                                      |
| <b>Purity</b>               | >95 % as determined by SDS-PAGE                                                                                                                                                                                                      |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                                                            |
| <b>Storage</b>              | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein                                                                                                                                                 |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** Reg3b regenerating islet-derived 3 beta [ Mus musculus (house mouse) ]

**Official Symbol** Reg3b

**Gene ID** 18489

**mRNA Refseq** NM\_011036

**Protein Refseq** NP\_035166

**UniProt ID** P35230

**Chromosome Location** 6; 6 C

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