

Recombinant Mouse Reg3b, His tagged

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

SPECIFICATION

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

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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)]
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Official Symbol	Reg3b
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Gene ID	18489
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mRNA Refseq	NM_011036
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Protein Refseq	NP_035166
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UniProt ID	P35230
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Chromosome Location	6; 6 C
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