

## Recombinant Human REG4, Fc tagged

**Cat. No.** REG4-314H    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                                 |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human REG4 (Q9BYZ8-1) (Asp23-Pro158), fused with the Fc region of human IgG1 at the N-terminus, was produced in Human Cells.                                                                                                                        |
| <b>Species</b>              | Human                                                                                                                                                                                                                                                           |
| <b>Source</b>               | Human Cells                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>        | 23-158 a.a.                                                                                                                                                                                                                                                     |
| <b>Predicted N Terminal</b> | Glu                                                                                                                                                                                                                                                             |
| <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 human REG4/Fc is a disulfide-linked homodimer. The reduced monomer comprises 396 amino acids and has a predicted molecular mass of 44.3 kDa. The apparent molecular mass of the protein is approximately 45 kDa in SDS-PAGE under reducing cond |
| <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.                                                                                                                                                                                       |

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**Storage**

Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein 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**

REG4 regenerating islet-derived family, member 4 [ Homo sapiens ]

**Official Symbol**

REG4

**Gene ID**

83998

**mRNA Refseq**

NM\_001159352

**Protein Refseq**

NP\_001152824

**MIM**

609846

**UniProt ID**

Q9BYZ8

**Chromosome  
Location**

1p13.1-p12

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