

Recombinant Human REG4, Fc tagged

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

SPECIFICATION

Product Overview	Recombinant Human REG4 (Q9BYZ8-1) (Asp23-Pro158), fused with the Fc region of human IgG1 at the N-terminus, was produced in Human Cells.
Species	Human
Source	Human Cells
ProteinLength	23-158 a.a.
Predicted N Terminal	Glu
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	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
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.

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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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