Recombinant Cynomolgus REG1B, Fc tagged

Cat. No. REG1B-90C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus REG1B (NP_001181497.1) (Met1-Asn166), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Cynomolgus
Source	Human Cells
ProteinLength	1-166 a.a.
Predicted N Terminal	Gln 23
Form	Lyophilized from sterile PBS, pH 7.4.Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant cynomolgus REG1B is a disulfide-linked homodimer. The reduced monomer comprises 385 amino acids and has a calculated molecular mass of 43.2 KDa.The apparent molecular mass of the protein is approximately 45 KDa respectively in SDS-PAGE.
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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	REG1B?regenerating islet-derived 1 beta [?Macaca fascicularis(crab-eating macaque)]
Official Symbol	REG1B
Gene ID	102141319
mRNA Refseq	XM_005575468
Protein Refseq	XP_005575525
Chromosome Location	13

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