

## Recombinant Rat Reg3a protein, hFc-tagged

Cat. No. Reg3a-8749R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Reg3a protein(BAA04904.1)(Met1-Gln174), fused with hFc tag, was expressed in HEK293.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Gln174
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant rat REG3A/Fc is a disulfide-linked homodimer. The reduced monomer comprises 390 amino acids and has a predicted molecular mass of 43.4 kDa. The apparent molecular mass of the protein is approximately 44 kDa in SDS-PAGE under reducing conditions.
<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>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** Reg3a regenerating islet-derived 3 alpha [ *Rattus norvegicus* ]

**Official Symbol** Reg3a

**Synonyms** REG3A; regenerating islet-derived 3 alpha; regenerating islet-derived protein 3-alpha; REG 3; regIII; REG-3-alpha; reg III-alpha; lithostathine 3; pancreatitis-associated protein 2; islet of Langerhans regenerating protein 3; regenerating islet-derived protein 3 alpha; regenerating islet-derived protein III-alpha; Pap2; PapII;

**Gene ID** 171162

**mRNA Refseq** NM\_001145846

**Protein Refseq** NP\_001139318

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