

Recombinant Rat Reg1a protein, hFc-tagged

Cat. No. Reg1a-8766R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Reg1a protein(P10758)(Met1-Asn100), fused with hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Asn100
Form	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. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant rat REG1A /Fc is a disulfide-linked homodimer. The reduced monomer comprises 319 amino acids and has a predicted molecular mass of 35.8 kDa. The apparent molecular mass of the protein is approximately 40 and 43 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	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

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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 of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION**Gene Name**

Reg1a regenerating islet-derived 1 alpha [*Rattus norvegicus*]

Official Symbol

Reg1a

Synonyms

REG1A; regenerating islet-derived 1 alpha; lithostathine; PSP; PTP; ICRF; pancreatic stone protein; pancreatic thread protein; islet cells regeneration factor; islet of Langerhans regenerating protein; regenerating islet-derived mouse homolog 1; regeneration protein, lithostatin, pancreatic stone protein; Reg; RGPI; Reg1; Rgp1; LITHOST; RATRGPI; RATLITHOST;

Gene ID

24714

mRNA Refseq

NM_012641

Protein Refseq

NP_036773

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