

Recombinant Rat Reg3a protein(Met1-Gln174), His-tagged

Cat. No. Reg3a-8750R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat REG3A (BAA04904.1) (Met1-Gln174) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Gln174
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat REG3A comprises 160 amino acids and predicts a molecular mass of 17.9 kDa. The apparent molecular mass of the recombinant protein is approximately 17 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % 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 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

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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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