

Recombinant Human REG1B protein, His-tagged

Cat. No. REG1B-0277H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human REG1B protein(NP_006498.1)(Met1-Asn166), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Asn166
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.
Molecular Mass	The recombinant human REG1B consists of 155 amino acids and predicts a molecular mass of 17.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh REG1B is approximately 19-21 kDa due to different 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.

 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

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 [REG1B regenerating islet-derived 1 beta \[Homo sapiens \]](#)

Official Symbol [REG1B](#)

Synonyms

REG1B; regenerating islet-derived 1 beta; regenerating islet derived 1 beta (pancreatic stone protein, pancreatic thread protein); lithostathine-1-beta; lithostathine 1 beta; PSPS2; REGH; REGI BETA; REGL; secretory pancreatic stone protein 2; PSP-2; REG-1-beta; pancreatic stone protein 2; regenerating protein I beta; regenerating islet-derived protein 1-beta; regenerating islet-derived 1 beta (pancreatic stone protein, pancreatic thread protein); REGI-BETA;

Gene ID [5968](#)

mRNA Refseq [NM_006507](#)

Protein Refseq [NP_006498](#)

MIM [167771](#)

UniProt ID [P48304](#)

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