

# Recombinant Human REG1A protein, His-tagged, Biotinylated

**Cat. No.** REG1A-2336HB    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human REG1A protein (NP_002900.2) (Met1-Asn166) precursor, fused with a polyhistidine tag at the C-terminus, was expressed in HEK293 Cells. The purified protein was biotinylated in vitro.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-166 a.a.
<b>Predicted N Terminal</b>	Gln 23
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
<b>Molecular Mass</b>	The recombinant human REG1A consists of 155 amino acids and predicts a molecular mass of 17.7 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg 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.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>Shipping</b>	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
<b>Conjugation</b>	Biotin
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	REG1A regenerating islet-derived 1 alpha [ Homo sapiens ]
<b>Official Symbol</b>	REG1A
<b>Synonyms</b>	REG1A; regenerating islet-derived 1 alpha; REG, regenerating islet derived 1 alpha (pancreatic stone protein, pancreatic thread protein); lithostathine-1-alpha; pancreatic stone protein; pancreatic thread protein; PSP; PSPS; PSPS1; PTP; protein-X; REG-1-alpha; lithostathine 1 alpha; regenerating protein I alpha; islet cells regeneration factor; pancreatic stone protein, secretory; islet of langerhans regenerating protein; regenerating islet-derived protein 1-alpha; P19; REG; ICRF; MGC12447;
<b>Gene ID</b>	5967
<b>mRNA Refseq</b>	NM_002909
<b>Protein Refseq</b>	NP_002900
<b>MIM</b>	167770

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

P05451

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA