

# Recombinant Full Length Human REG1A protein, His-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human REG1A protein(NP_002900.2)(Met1-Asn166), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Asn166
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human REG1A consists of 155 amino acids after removal of the signal peptide and has a predicted molecular mass of 17.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh REG1A is approximately 19 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 97 % as determined by SDS-PAGE
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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** REG1A regenerating islet-derived 1 alpha [ Homo sapiens ]

**Official Symbol** REG1A

**Synonyms** 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;

**Gene ID** 5967

**mRNA Refseq** NM\_002909

**Protein Refseq** NP\_002900

**MIM** 167770

**UniProt ID** P05451

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