

Recombinant Full Length Human REG1A protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Full Length Human REG1A protein(NP_002900.2) (Met 1-Asn 166) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-166 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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

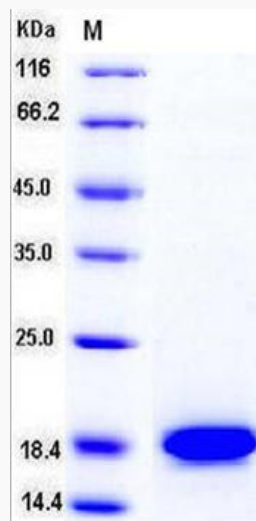
Gene Name	REG1A regenerating islet-derived 1 alpha [Homo sapiens]
Official Symbol	REG1A
Synonyms	REG1A; regenerating islet-derived 1 alpha; REG, regenerating islet derived 1 alpha (pancreatic stone protein, pancreatic thread protein); lithostathine-1-alpha; pancreatic stone protein; pancreatic thread 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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SDS-PAGE



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