Recombinant Human REG1A protein, His-tagged, Biotinylated

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	1-166 a.a.
Predicted N Terminal	Gln 23
Form	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant human REG1A consists of 155 amino acids and predicts a molecular mass of 17.7 kDa.
Endotoxin	< 1.0 EU per μg 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.

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Reconstitution	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.
Shipping	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.
Conjugation	Biotin

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

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UniProt ID	P05451

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