

Active Recombinant Human REG4 protein, His-tagged

Cat. No. REG4-426H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human REG4 protein(NP_001152824.1) (Met 1-Pro 158) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-158 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by the ability of the immobilized protein to support the proliferation of HCT-116 human colorectal carcinoma cells (CCL-247) under low serum conditions. The ED50 for this effect is typically 4-20 µg/ml.
Molecular Mass	The recombinant human REG4 consists of 147 amino acids and predicts a molecular mass of 17.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh REG4 is approximately 18 and 22 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	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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

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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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

protein Refseq-Weblink

http://www.ncbi.nlm.nih.gov/protein/NP_001152824.1

Unit ID

Q9BYZ8

Unit ID-Weblink

<https://www.uniprot.org/uniprotkb/Q9BYZ8>

GENE INFORMATION

Gene Name

REG4 regenerating islet-derived family, member 4 [Homo sapiens]

Official Symbol

REG4

Synonyms

REG4; regenerating islet-derived family, member 4; regenerating islet-derived protein 4; gastrointestinal secretory protein; GISP; REG IV; regenerating gene type IV; RELP; REG-4; reg IV; REG-like protein; regenerating islet-derived protein IV; REG-IV;

Gene ID

83998

mRNA Refseq

NM_001159352

protein Refseq

NP_001152824

MIM

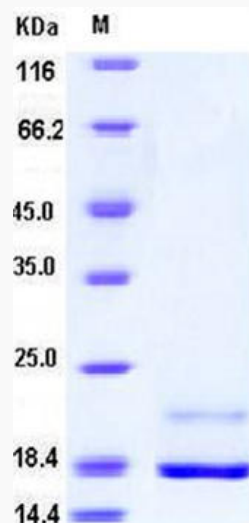
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SDS-PAGE



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