Recombinant Human REG4 protein, hFc-tagged

Cat. No. REG4-637H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human REG4 protein(Q9BYZ8-1) (Asp23-Pro158) was expressed in HEK293 with the fused Fc region of human IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	23-158 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human REG4/Fc is a disulfide-linked homodimer. The reduced monomer comprises 396 amino acids and has a predicted molecular mass of 44.3 kDa. The apparent molecular mass of the protein is approximately 45 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 90 % 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

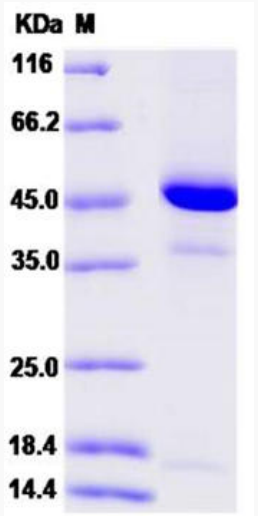
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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_001152824.1
Unit ID	Q9BYZ8
Unit ID-Weblink	https://www.uniprot.org/uniprotkb/Q9BYZ8

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	609846

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SDS-PAGE	

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