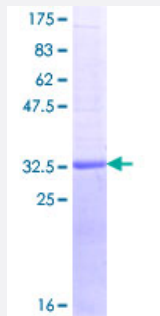


REG1B (Human) Recombinant Protein (Q01)

Catalog # H00005968-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human REG1B partial ORF (NP_006498.1, 67 a.a. - 166 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MNSGNLVSVLTAEGAFVASLIKESSTDDSNVWIGLHDPKKNRRWHWSSGSLVSYKSWDTGSP SSANAGYCASLTSCSGFKKWKDESCEKKFSFVCKFKN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (71)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — REG1B

Entrez GeneID [5968](#)

GeneBank Accession# [NM_006507](#)

Protein Accession# [NP_006498.1](#)

Gene Name REG1B

Gene Alias PSPS2, REGH, REGI-BETA, REGL

Gene Description regenerating islet-derived 1 beta

Omim ID [167771](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a type I subclass member of the Reg gene family. The Reg gene family is a multigene family grouped into four subclasses, types I, II, III and IV based on the primary structures of the encoded proteins. This gene encodes a protein secreted by the exocrine pancreas that is highly similar to the REG1A protein. The related REG1A protein is associated with islet cell regeneration and diabetogenesis, and may be involved in pancreatic lithogenesis. Reg family members REG1A, REGL, PAP and this gene are tandemly clustered on chromosome 2p12 and may have arisen from the same ancestral gene by gene duplication. [provided by RefSeq]

Other Designations lithostathine 1 beta|regenerating islet-derived 1 beta (pancreatic stone protein, pancreatic thread protein)|regenerating protein I beta|secretory pancreatic stone protein 2

Disease

- [Diabetes Mellitus](#)