

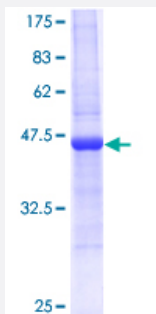
Full-Length

REG3A (Human) Recombinant Protein (P02)

Catalog # H00005068-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human REG3A full-length ORF (AAH36776, 1 a.a. - 175 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLPPMALPSVSWMLLSCLMLLSQVQGEEPQRELP SARIRCPKGS KAYGSHCYALFLSPKSWTD
ADLACQKRPSGNLVS VLSGAEGSFVSSLVK SIGNSYSYVWIGLHDPTQGTEPN GEGWEWSSSD
VMNYFAWERNPSTISSPGHCASLSRSTAF LRWKDYNCNVRLPYVCKFTD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

44.77

Interspecies Antigen Sequence

Mouse (70); Rat (69)

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 — REG3A

Entrez GeneID [5068](#)

GeneBank Accession# [BC036776](#)

Protein Accession# [AAH36776](#)

Gene Name REG3A

Gene Alias HIP, INGAP, PAP, PAP-H, PAP1, PBCGF, REG-III, REG3

Gene Description regenerating islet-derived 3 alpha

Omim ID [167805](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a pancreatic secretory protein that may be involved in cell proliferation or differentiation. It has similarity to the C-type lectin superfamily. The enhanced expression of this gene is observed during pancreatic inflammation and liver carcinogenesis. Multiple alternatively spliced transcript variants encoding the same protein have been described for this gene but the full length nature of some transcripts is not yet known. [provided by RefSeq]

Other Designations PAP homologous protein|hepatocarcinoma-intestine-pancreas|pancreatic beta cell growth factor|pancreatitis-associated protein|proliferation-inducing protein 34|proliferation-inducing protein 42

Disease

- [Alzheimer disease](#)

- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)