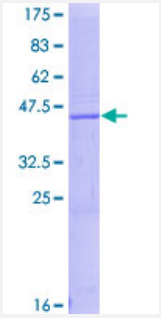
Full-Length

REG3A (Human) Recombinant Protein (P01)

Catalog # H00005068-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human REG3A full-length ORF (AAH36776.1, 1 a.a. - 175 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLPPMALPSVSWMLLSCLMLLSQVQGEEPQRELPSARIRCPKGSKAYGSHCYALFLSPKSWTD ADLACQKRPSGNLVSVLSGAEGSFVSSLVKSIGNSYSYVWIGLHDPTQGTEPNGEGWEWSSSD VMNYFAWERNPSTISSPGHCASLSRSTAFLRWKDYNCNVRLPYVCKFTD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	44.88
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#	BC036776.1
Protein Accession#	AAH36776.1
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