

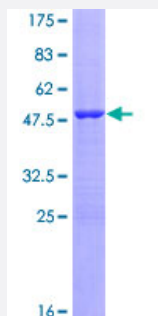
Full-Length

VIP (Human) Recombinant Protein (P02)

Catalog # H00007432-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human VIP full-length ORF (AAH09794.1, 1 a.a. - 169 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MDTRNKAQLLVLLTLLSVLFSQTSAPWLYRAPSALRLGDRIPFEGANEPDQVSLKEDIDMLQNAL AENDTPYYDVSRNARHADGVFTSDFSKLLGQLSAKKYLESLMGKRVSNISEDPVPVKRHSDAVF TDNYTRLRKQMAVKKYLSILNGKRSSEGESPDFPEELEK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	45.5
Interspecies Antigen Sequence	Mouse (78); Rat (82)
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 — VIP

Entrez GeneID [7432](#)

GeneBank Accession# [BC009794.1](#)

Protein Accession# [AAH09794.1](#)

Gene Name VIP

Gene Alias MGC13587, PHM27

Gene Description vasoactive intestinal peptide

Omim ID [192320](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the glucagon family. It stimulates myocardial contractility, causes vasodilation, increases glycogenolysis, lowers arterial blood pressure and relaxes the smooth muscle of trachea, stomach and gall bladder. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. [provided by RefSeq]

Other Designations OTTHUMP00000017450|OTTHUMP00000017451

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholism](#)
- [Asthma](#)
- [Bipolar Disorder](#)
- [Bronchiolitis](#)
- [Chronic Disease](#)
- [Chronobiology Disorders](#)
- [Constipation](#)
- [Depressive Disorder](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Interview](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Respiratory Syncytial Virus Infections](#)