

Proteoliposomes

Full-Length

# VIPR2 (Human) Recombinant Protein

Catalog # H00007434-G01

Size 10 ug

## Specification

### Product Description

Human VIPR2 full-length ORF (NP\_003373.2) recombinant protein without tag.  
This product is belong to Proteoliposome (PL).

### Sequence

MRTLLPPALLTCWLLAPVNSIHPECRFHLEIQEEETKCAELLRSQTEKHKACSGVWDNITCWRPA  
NVGETVTVPCPKVFSNFYSKAGNISKNCTSDGWSETFPDFVDACGYSDPEDESKITFYLVKAYTL  
GYSVLSMLATGSIILCLFRKLHCTRNYIHLNLFSLRAISVLVKDDVLYSSGTLHCPDQPSSWV  
GCKLSLVFLQYCI MANFFWLLVEGLYLHTLLVAMLPPRRCFLAYLLIGWGLPTVCIGAWTAARLYE  
DTGCWDTNDHSVPWWVIRIPILISIVNFVLFISIRILLQKLTSPDVGGNDQSQYKRLAKSTLLIPLFG  
VHYMVFAVFPISISSKYQLFELCLGSFQGLVVAVLYCFLNSEVQCELKRKWRSRCPTPSASRDYR  
VCGSSFSRNGSEGALQFHRGSRAQSFLQTETSVI

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

49.5

### Form

Liquid

### Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

### Purification

None

### Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

### Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

### 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

- Antibody Production

## Gene Info — VIPR2

Entrez GeneID [7434](#)

GeneBank Accession# [NM\\_003382.3](#)

Protein Accession# [NP\\_003373.2](#)

Gene Name VIPR2

Gene Alias FLJ16511, VPAC2, VPCAP2R

Gene Description vasoactive intestinal peptide receptor 2

Omim ID [601970](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Vasoactive intestinal peptide (VIP; MIM 192320) and pituitary adenylate cyclase activating polypeptide (PACAP; MIM 102980) are homologous peptides that function as neurotransmitters and neuroendocrine hormones. While the receptors for VIP and PACAP share homology, they differ in their substrate specificities and expression patterns. See VIPR1 (MIM 192321) and ADCYAP1R1 (MIM 102981).[supplied by OMIM]

Other Designations -

## Pathway

- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Alcoholism](#)
- [Bipolar Disorder](#)
- [Cerebral Hemorrhage](#)
- [Chronobiology Disorders](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)

- [Interview](#)
- [Intracranial Hemorrhages](#)
- [Mental Disorders](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)