

# Human Vasoactive intestinal peptide / VIP Protein (His Tag)

Catalog Number: 13451-H08H



Sino Biological  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

PHM27

### Protein Construction:

A DNA sequence encoding the human VIP (P01282-2) (Met1-Lys169) with a C-terminal polyhistidine tag was expressed.

**Source:** Human

**Expression Host:** HEK293 Cells

## QC Testing

**Purity:** (38.2+8+44.3) % as determined by SDS-PAGE

### Endotoxin:

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

**Predicted N terminal:** Ser 21

### Molecular Mass:

The recombinant human VIP comprises 160 amino acids and has a predicted molecular mass of 18.3 kDa. The apparent molecular mass of the protein is approximately 25, 21 and 15 kDa in SDS-PAGE under reducing conditions

### Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

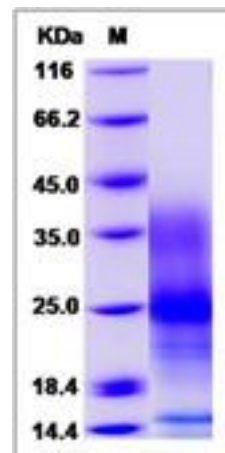
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

For US Customer: Fax: 267-657-0217 • Tel: 215-583-7898

Global Customer: Fax :+86-10-5862-8288 • Tel:+86-400-890-9989 • <http://www.sinobiological.com>