

# Human VTI1A/Vti1-rp2 (His Tag) recombinant protein



Catalog Number: 503851

## General Information

### Gene Name Synonym

Vesicle transport v-SNARE protein Vti1-like 2; Vti1-rp2

### Protein Construction

A DNA sequence encoding the human VTI1A (Q96AJ9-2) (Met1-Arg187) was expressed with an N-terminal polyhistidine tag.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

(49.0+16.7+20.7+11.9) % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

His

### Molecular Mass

The recombinant human VTI1A comprises 207 amino acids and has a predicted molecular mass of 24.2 kDa. The apparent molecular mass of the protein is approximately 29, 27, 18, 15 kDa in SDS-PAGE under reducing conditions due to glycosylation.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

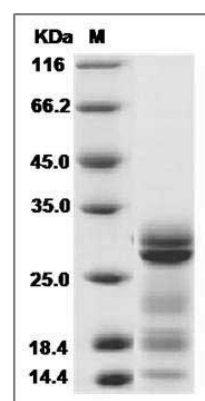
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human VTI1A Protein (His Tag) SDS-PAGE