

# Mouse VSIG4 (His Tag) recombinant protein



Catalog Number: 503299

## General Information

### Gene Name Synonym

V-set and immunoglobulin domain containing 4

### Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Pro 187) of mouse VSIG4 (NP\_808457.1) precursor was expressed with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % 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 20

### Molecular Mass

The recombinant mouse VSIG4 consists of 179 amino acids and has a predicted molecular mass of 20.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmVSIG4 is approximately 35 kDa 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

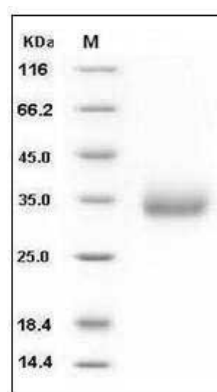
### Storage

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



Mouse VSIG4 Protein (His Tag) SDS-PAGE