

# Human HVEM/TNFRSF14 (His Tag) recombinant protein



Catalog Number: 501849

## General Information

### Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Val 202) of human HVEM (NP\_003811.2) was expressed, fused with a C-terminal polyhistidine tag.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to inhibit TNF $\beta$ -mediated cytotoxicity using L-929 mouse fibroblast cells. The ED<sub>50</sub> for this effect is 8-32  $\mu$ g/mL.

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ 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°C

### Predicted N terminal

Pro 37

### Molecular Mass

The secreted recombinant human HVEM consists of 177 amino acids and predicts a molecular mass of 19 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of rhHVEM is approximately 33-38 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

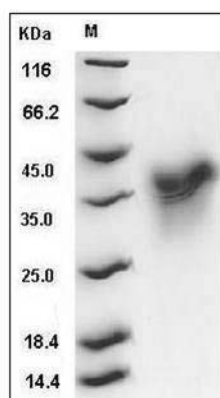
### Storage

Store it under sterile conditions at -20°C to -80°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 HVEM / TNFRSF14 Protein (His Tag) SDS-PAGE