# Human HVEM/TNFRSF14 (His & Fc Tag) recombinant protein

Catalog Number: 503619



#### **General Information**

#### **Protein Construction**

A DNA sequence encoding the extracellular domain (Met 1-Val 202) of human HVEM (NP\_003811.2) precursor was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.

#### **Organism**

Human

#### **Expression Host**

**Human Cells** 

## **QC Testing**

#### **Purity**

> 85 % 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 $^{\circ}$ C

### **Predicted N terminal**

Pro 37

#### **Molecular Mass**

The recombinant human HVEM/Fc is a disulfidelinked homodimeric protein after removal of the signal peptide. The reduced monomer consists of 413 amino acids and predicts a molecular mass of 45.4 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of rh HVEM/Fc monomer is approximately 60-65 kDa due to glycosylation.

#### **Formulation**

Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

## **Usage Guide**

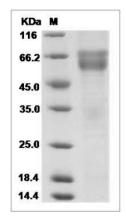
#### **Storage**

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 & Fc Tag) SDS-PAGE