

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 β -mediated cytotoxicity using L-929 mouse fibroblast cells. The ED₅₀ for this effect is 8-32 μ g/mL.

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ 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

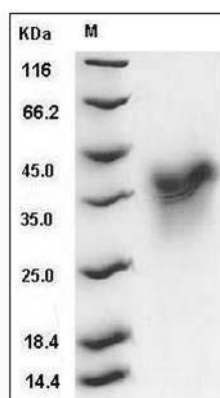
Storage

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



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