Recombinant Human TNFRSF14/HVEM/CD270 Protein

Catalog No.: RP00070

Sequence Information

Species
Human

Gene ID
8764

Swiss Prot
Q92956-1

Tags
C-hFc&His

Synonyms
TNFRSF14,ATAR,CD270,HVEA, HVEM,LIGHTR,TR2

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
44.13 kDa

Observed MW
50-65 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Herpesvirus entry mediator (HVEM), also known as tumor necrosis factor receptor superfamily member 14 (TNFRSF14), is a human cell surface receptor of the TNF-receptor superfamily.? Two TNF superfamily ligands lymphotoxin α (TNF-β) and LIGHT (TNFSF14) are identified as cellular ligands for HVEM and initiate the positive signaling.

Basic Information

Description
Recombinant Human TNFRSF14/HVEM/CD270 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Leu 39 - Val 202) of human HVEM (Accession #NP_003811.2) fused with an Fc, 6×His tag at the C-terminus.

Activity
Measured by its binding ability in a functional ELISA. Immobilized Recombinant human HVEM at 5 μg/mL (100 μL/well) can bind Biotinylated Recombinant human BTLA with a linear range of 1.5-6 μg/mL.

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

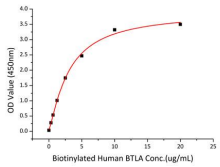
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

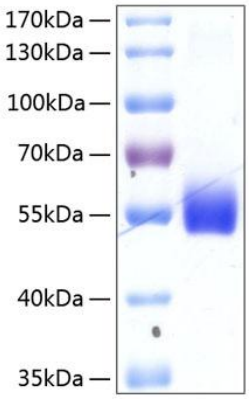
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Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Immobilized Recombinant human HVEM at 5 μg/mL (100 μL/well) can bind Biotinylated Recombinant human BTLA with a linear range of 1.5-6 μg/mL.



Recombinant Human TNFRSF14/HVEM/CD270 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.