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Datasheet for ABIN7520595  
**HVEM Protein (Fc Tag,His tag)**

### Overview

Quantity:	100 µg
Target:	HVEM (TNFRSF14)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This HVEM protein is labelled with Fc Tag,His tag.

### Product Details

Purpose:	Active Recombinant Human TNFRSF14/HVEM/CD270 Protein
Sequence:	LPSCKEDEYP VGSECCPKCS PGYRVKEACG ELTGTVCEPC PPGTYIAHLN GLSKCLQCQM CDPAMGLRAS RNCSTRNAV CGCSPGHFCI VQDGDHCAAC RAYATSSPGQ RVQKGGTESQ DTLCQNCPPG TFSPNGTLEE CQHQTKCSWL VTKAGAGTSS SHWV
Specificity:	Leu39-Val202
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	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.

## Target Details

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Target:	HVEM (TNFRSF14)
Alternative Name:	TNFRSF14/HVEM/CD270 ( <a href="#">TNFRSF14 Products</a> )
Target Type:	Viral Protein
Background:	<p>Description: 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 <math>\alpha</math> (TNF-<math>\beta</math>) and LIGHT (TNFSF14) are identified as cellular ligands for HVEM and initiate the positive signaling.</p> <p>Name: TNFRSF14,ATAR,CD270,HVEA,HVEM,LIGHTR,TR2</p>
Gene ID:	8764
UniProt:	<a href="#">Q92956-1</a>
Pathways:	<a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Cancer Immune Checkpoints</a>

## Application Details

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Restrictions: For Research Use only

## Handling

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Format:	Lyophilized
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 stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 $\mu$ m filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	<p>Store the lyophilized protein at -20°C to -80 °C for long term.</p> <p>After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.</p>