

Datasheet for ABIN7274831  
**HVEM Protein (AA 39-202) (His tag)**



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6 Images

## Overview

Quantity:	100 µg
Target:	HVEM (TNFRSF14)
Protein Characteristics:	AA 39-202
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HVEM protein is labelled with His tag.

## Product Details

Purpose:	Human HVEM/TNFRSF14 Protein
Sequence:	Leu39-Val202
Characteristics:	Recombinant Human HVEM/TNFRSF14 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Leu39-Val202.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human HVEM, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human BTLA, hFc Tag with the EC50 of 19.9ng/ml determined by ELISA. See testing image for detail.

## Target Details

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Target:	HVEM (TNFRSF14)
Alternative Name:	HVEM ( <a href="#">TNFRSF14 Products</a> )
Target Type:	Viral Protein
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 $\alpha$ (TNF- $\beta$ ) and LIGHT (TNFSF14) are identified as cellular ligands for HVEM and initiate the positive signaling.
Molecular Weight:	18.5 kDa. Due to glycosylation, the protein migrates to 32-48 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints</a>

## Application Details

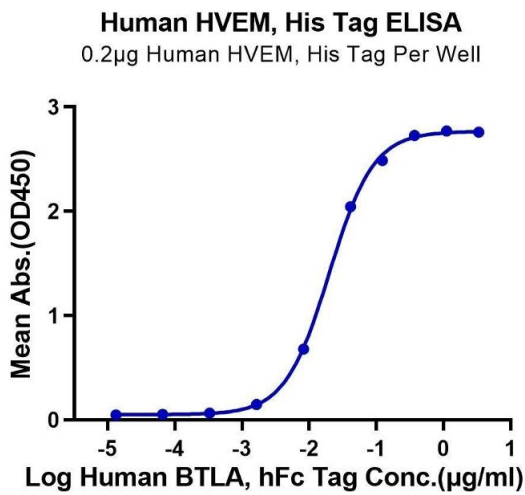
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Restrictions:	For Research Use only
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## Handling

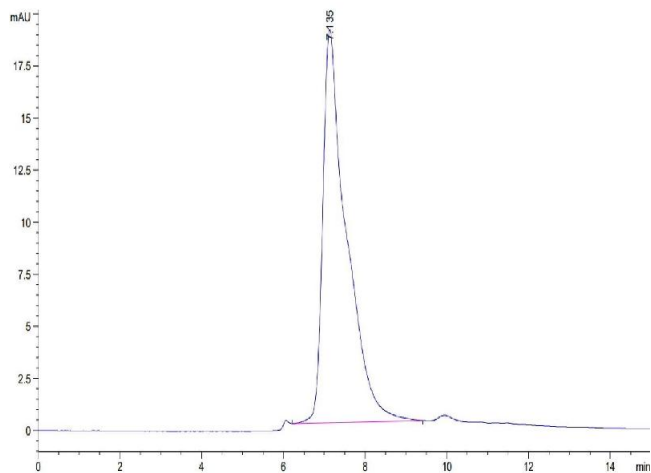
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Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu\text{g}/\text{mL}$ is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 $\mu\text{m}$ filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 $^{\circ}\text{C}$ , -80 $^{\circ}\text{C}$
Storage Comment:	-20 to -80 $^{\circ}\text{C}$ for 12 months as supplied from date of receipt., -80 $^{\circ}\text{C}$ for 3-6 months after reconstitution., 2-8 $^{\circ}\text{C}$ for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



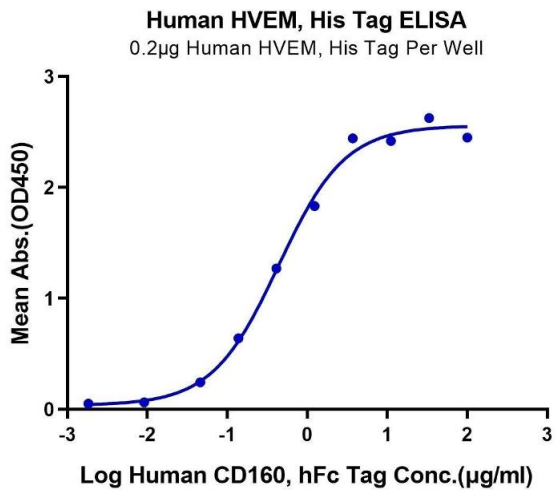
**ELISA**

**Image 1.** Immobilized Human HVEM, His Tag at 2 µg/mL (100 µL/Well) on the plate. Dose response curve for Human BTLA, hFc Tag with the EC50 of 19.9 ng/mL determined by ELISA.



**Size-exclusion chromatography-High Pressure Liquid Chromatography**

**Image 2.** The purity of Human HVEM is greater than 95 % as determined by SEC-HPLC.



**ELISA**

**Image 3.** Immobilized Human HVEM, His Tag at 2 µg/mL (100 µL/Well) on the plate. Dose response curve for Human CD160, hFc Tag with the EC50 of 0.44 µg/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7274831.