

Datasheet for ABIN7320463

HVEM Protein (Fc Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	HVEM (TNFRSF14)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This HVEM protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse HVEM/TNFRSF14 Protein (Fc Tag)(Active)
Sequence:	Gln39-Val207
Characteristics:	Recombinant Mouse Herpesvirus Entry Mediator is produced by our Mammalian expression system and the target gene encoding Gln39-Val207 is expressed with a Fc tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Mouse HVEM-Fc at 6µg/ml(100 µl/well) can bind Human BTLA-His(Cat: PKSH033758). The ED50 of Mouse HVEM-Fc is 1.17ug/ml .

Target Details

Target:	HVEM (TNFRSF14)
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Target Details

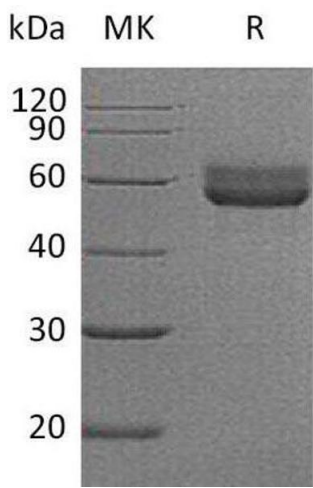
Alternative Name:	HVEM/TNFRSF14 (TNFRSF14 Products)
Target Type:	Viral Protein
Background:	<p>Background: Mouse Protein Tnfrsf14, is a type I transmembrane protein belonging to the TNF receptor superfamily. It is tumor necrosis factor receptor superfamily member 14 and expressed on the surface of T cells during the resting state. Interaction of HVEM with TNF family member LIGHT co-stimulates T cells and promotes inflammation. HVEM also triggers inhibitory signaling cascade in effector T (Teff) cells and regulatory T cells (Tregs) as a ligand of B and T lymphocyte attenuator. Tnfrsf14 is detected in peripheral blood T cells, B cells, monocytes and in various tissues enriched in lymphoid cells. It has demonstrated that HVEM Ig is able to exert a significant antiviral effect against HSV-1 infection in vivo.</p> <p>Synonym: Tnfrsf14, Herpesvirus entry mediator,HVEM, TR2,TNF receptor-like molecule,ATAR,another TRAF-associated receptor,Tumor necrosis factor receptor superfamily member 14,Atar,HveA</p>
Molecular Weight:	45.6 kDa
NCBI Accession:	NP_849262
Pathways:	Production of Molecular Mediator of Immune Response , Cancer Immune Checkpoints

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.