

Product datasheet

Recombinant human TNFRSF14/HVEM protein (Active)
ab219714

3 Images

Description

Product name	Recombinant human TNFRSF14/HVEM protein (Active)	
Biological activity	Measured by its binding ability in a functional ELISA. Immobilized ab219714 at 0.5 µg/mL (100 µL/well) can bind Human BTLA, Fc Tag with a linear range of 0.078-2.5 µg/mL.	
Purity	> 90 % SDS-PAGE.	
Endotoxin level	< 1.000 Eu/µg	
Expression system	HEK 293 cells	
Accession	Q92956	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	LPSCKEDEYYPVGSECCPKCSPGYRVKEACGELTGTVCE PCPPGTIAHLN GLSKCLQCQMCDPAMGLRASRNCSRTENAVCGCSPGH FCVQDGDHCAAC RAYATSSPGQRVQKGGTESQDTLCQNCPPGTFSPNGTLE ECQHQTCSWL VTKAGAGTSSSHWV	
Predicted molecular weight	19 kDa including tags	
Amino acids	39 to 202	
Tags	His tag C-Terminus	
Additional sequence information	(Accession # NP_003811).	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab219714** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Functional Studies
	SDS-PAGE

Form	Lyophilized
Additional notes	This product was previously labelled as TNFRSF14

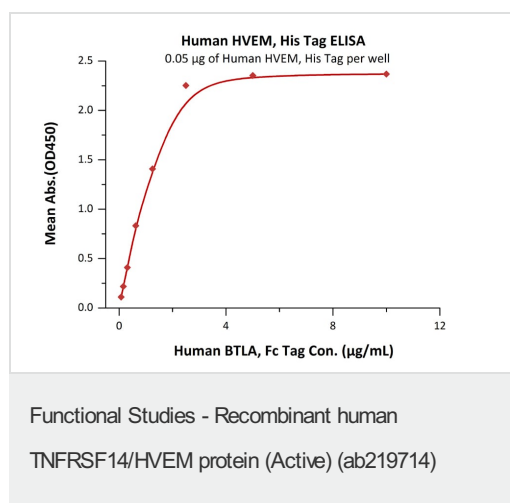
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.40 Constituent: 95% PBS Note: 5-10% trehalose is commonly used for freeze drying, and after reconstitution, the trehalose is mostly about 3-5%. This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	Reconstitute with sterile deionized water to a concentration of 200 µg/ml.

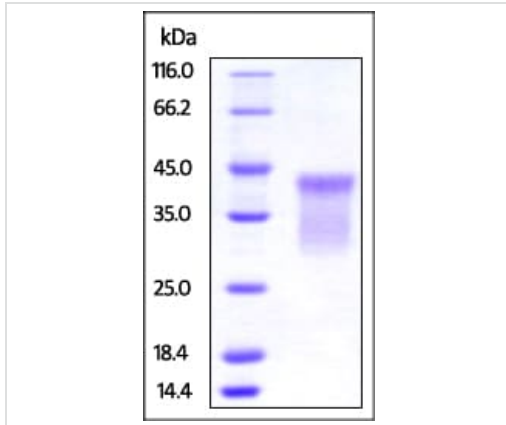
General Info

Function	Receptor for BTLA. Receptor for TNFSF14/LIGHT and homotrimeric TNFSF1/lymphotoxin-alpha. Involved in lymphocyte activation. Plays an important role in HSV pathogenesis because it enhanced the entry of several wild-type HSV strains of both serotypes into CHO cells, and mediated HSV entry into activated human T-cells.
Tissue specificity	Widely expressed, with the highest expression in lung, spleen and thymus.
Sequence similarities	Contains 3 TNFR-Cys repeats.
Post-translational modifications	N-glycosylated.
Cellular localization	Membrane.

Images

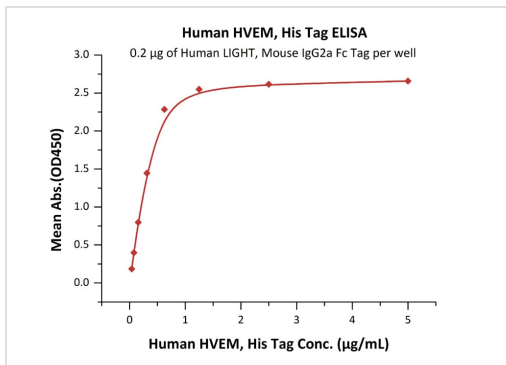


Immobilized Human HVEM, His Tag at 0.5 µg/mL (100 µL/well) can bind Human BTLA, Fc Tag with a linear range of 0.078-2.5 µg/mL.



SDS-PAGE analysis of reduced ab219714 stained overnight with Coomassie Blue.

SDS-PAGE - Recombinant human TNFRSF14/HVEM protein (Active) (ab219714)



Immobilized Human LIGHT, Mouse IgG2a Fc Tag, low endotoxin at 2 µg/mL (100 µL/well) can bind Human HVEM, His Tag with a linear range of 0.04-0.6 µg/mL.

Functional Studies - Recombinant human TNFRSF14/HVEM protein (Active) (ab219714)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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