

Datasheet for ABIN7013415

TNFSF14 Protein (AA 74-240) (Fc Tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	TNFSF14
Protein Characteristics:	AA 74-240
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TNFSF14 protein is labelled with Fc Tag.

Product Details

Characteristics:	Human LIGHT / TNFSF14 Protein, Fc Tag (active trimer) (MALS verified)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	TNFSF14
Alternative Name:	LIGHT (TNFSF14 Products)
Background:	Tumor necrosis factor ligand superfamily member 14(LIGHT) is a tumor necrosis factor (TNF) superfamily ligand that regulates T cell immune responses by signaling through the herpes virus entry mediator (HVEM) and the lymphotoxin beta receptor (LTbetaR). LIGHT has emerged as a potent initiator of T cell co-stimulation signals effecting CTL-mediated tumor rejection,

Target Details

	allograft rejection and graft versus host disease. Constitutive expression of LIGHT leads to tissue destruction and autoimmune-like disease syndromes.
Molecular Weight:	82.6 kDa
Pathways:	Cancer Immune Checkpoints

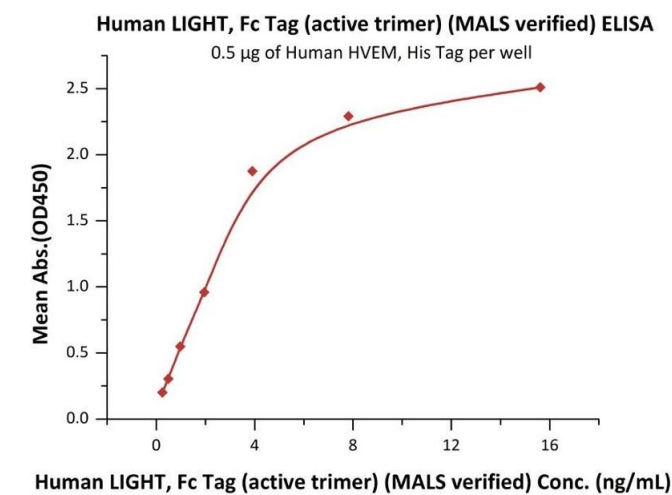
Application Details

Application Notes:	MALS verified
Restrictions:	For Research Use only

Handling

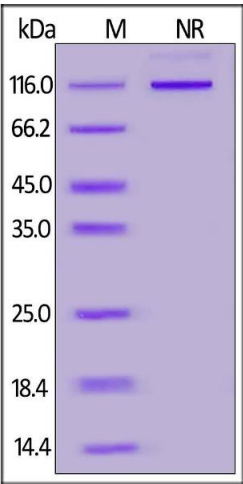
Format:	Lyophilized
Buffer:	50 mM Tris, 100 mM Glycine, 150 mM NaCl, pH 7.5
Storage:	-20 °C

Images



ELISA

Image 1. Immobilized Human HVEM, His Tag (ABIN4949110,ABIN4949111) at 5 µg/mL (100 µL/well) can bind Human LIGHT, Fc Tag (active trimer) (MALS verified) (ABIN6973146) with a linear range of 0.2-4 ng/mL (QC tested).



SDS-PAGE

Image 2. Human LIGHT, Fc Tag (active trimer) (MALS verified) on under ing (NR) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .