



Datasheet for ABIN6952255

TNFSF14 Protein (AA 74-240) (His tag)[Go to Product page](#)**3** 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 His tag.

Product Details

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, allograft rejection and graft versus host disease. Constitutive expression of LIGHT leads to

Target Details

tissue destruction and autoimmune-like disease syndromes.

Molecular Weight: 58.3 kDa

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Restrictions: For Research Use only

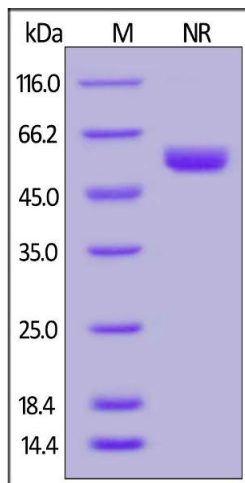
Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

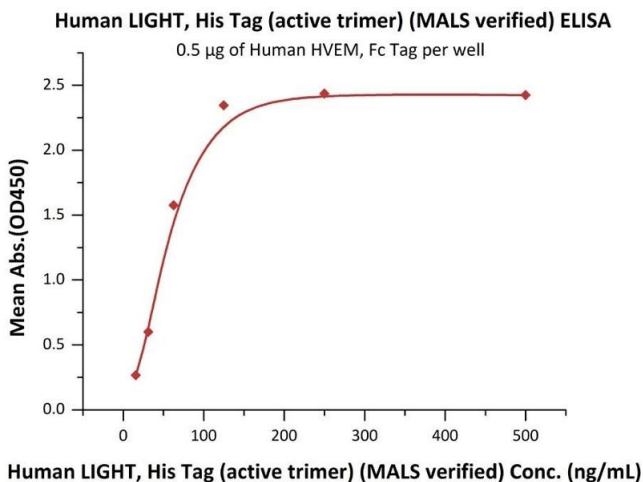
Storage: -20 °C

Images



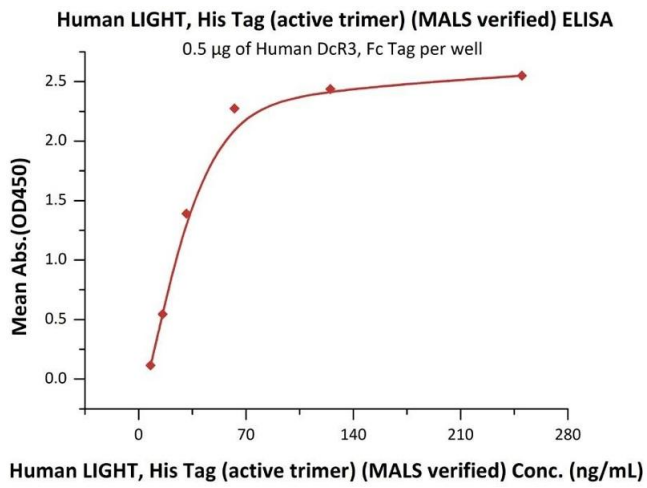
SDS-PAGE

Image 1. Human LIGHT, His 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 % .



ELISA

Image 2. Immobilized Human HVEM, Fc Tag (ABIN2181235,ABIN6253723) at 5 µg/mL (100 µL/well) can bind Human LIGHT, His Tag (active trimer) (MALS verified) (ABIN6951012,ABIN6952255) with a linear range of 16-63 ng/mL (QC tested).



ELISA

Image 3. Immobilized Human DcR3, Fc Tag (ABIN2181857,ABIN6938914) at 5 µg/mL (100 µL/well) can bind Human LIGHT, His Tag (active trimer) (MALS verified) (ABIN6951012,ABIN6952255) with a linear range of 8-63 ng/mL (Routinely tested).