Datasheet for ABIN7013756

TNFSF15 Protein (AA 72-251) (His tag)

2 | Images

Overview

Quantity:	100 µg
Target:	TNFSF15
Protein Characteristics:	AA 72-251
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TNFSF15 protein is labelled with His tag.

Product Details

Sequence:	AA 72-251
Characteristics:	Biotinylated Human TNFR2 / CD120b / TNFRSF1B Protein, His,Avitag™
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	TNFSF15
Alternative Name:	TL1A (TNFSF15 Products)
Background:	TNF-like cytokine 1A (TL1A) and its receptors, death receptor 3 (DR3) and decoy receptor 3 (DcR3) are members of the TNF and TNF receptor superfamilies of proteins, respectively.

Target Details

Binding of APC-derived TL1A to lymphocytic DR3 provides co-stimulatory signals for activated lymphocytes. DR3 signaling affects not only the proliferative activity of and cytokine production by effector lymphocytes, but also critically influences the development and suppressive function of regulatory T-cells. Whereas, DcR3 restricts the function of the TL1A/DR3 complex: attenuating T-cell activation and downregulating the secretion of pro-inflammatory cytokines. Together with DR3 and DcR3, TL1A constitutes a cytokine system that actively interferes with the regulation of immune responses.

Molecular Weight:	22.4 kDa
Pathways:	Positive Regulation of Endopeptidase Activity, Autophagy

Application Details

Application Notes:	MALS verified
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C

Images
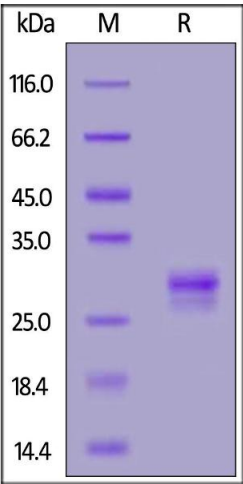

Human TL1A, His Tag ELISA
0.5 µg of Human DcR3, Fc Tag per well
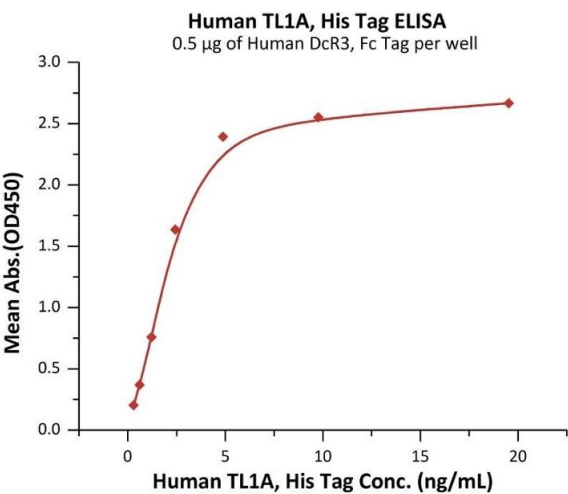
ELISA

Image 1. Immobilized Human DcR3, Fc Tag (ABIN2181857,ABIN6938914) at 5 µg/mL (100 µL/well) can bind Human TL1A, His Tag (ABIN6973282) with a linear range of 0.3-2 ng/mL (QC tested).

Images