

Datasheet for ABIN7274683

TNFSF15 Protein (AA 61-252) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TNFSF15
Protein Characteristics:	AA 61-252
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF15 protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse TNFSF15 Protein
Sequence:	Ala61-Leu252
Characteristics:	Recombinant Mouse TNFSF15 Protein is expressed from HEK293 with hFc tag at the N-Terminus. It contains Ala61-Leu252.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	TNFSF15
Alternative Name:	TNFSF15 (TNFSF15 Products)

Target Details

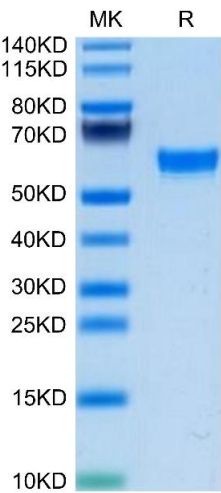
Background:	TL1A and its functional receptor DR3 are members of the TNF/TNFR superfamilies of proteins. TL1A and DR3 are abundantly localized at inflamed intestinal areas of patients with IBD and mice with experimental ileitis or colitis and actively participate in the immunological pathways that underlie mucosal homeostasis and intestinal inflammation. Recently, an important role was demonstrated for TL1A/DR3 as potential mediators of intestinal fibrosis that is associated with the presence of gut inflammation.
Molecular Weight:	48.8 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
UniProt:	Q5UBV8
Pathways:	Positive Regulation of Endopeptidase Activity , Autophagy

Application Details

Restrictions:	For Research Use only
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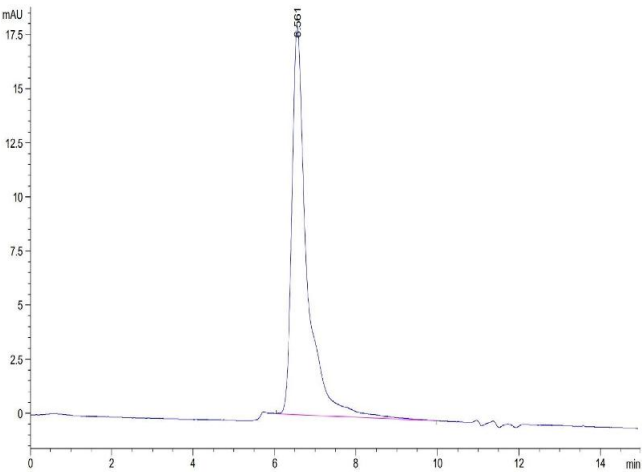
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C, -80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., -2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Mouse TNFSF15 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse TNFSF15 is greater than 95 % as determined by SEC-HPLC.