

Datasheet for ABIN7013518  
**TNFRSF10B Protein (AA 58-212) (His tag)**



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2 Images

## Overview

Quantity:	100 µg
Target:	TNFRSF10B
Protein Characteristics:	AA 58-212
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TNFRSF10B protein is labelled with His tag.

## Product Details

Sequence:	AA 58-212
Characteristics:	Biotinylated Human Transferrin R / CD71 Protein, His,Avitag™ (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:	TNFRSF10B
Alternative Name:	TRAIL R2 ( <a href="#">TNFRSF10B Products</a> )
Background:	Tumor necrosis factor receptor superfamily member 10B (TNFRSF10B) is also known as TNF-related apoptosis-inducing ligand receptor 2 (TRAILR2), Death receptor 5 (DR5), CD262, KILLER,

Target Details

is a member of the TNF-receptor superfamily, and contains an intracellular death domain. TNFRSF10B / DR-5 is widely expressed in adult and fetal tissues, very highly expressed in tumor cell lines. TRAILR2 / CD262 / DR5 is the receptor for the cytotoxic ligand TNFSF10/TRAIL. The adapter molecule FADD (a death domain containing adaptor protein) of TRAIL-R2 / TNFRSF10B recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. CD262 / DR5 Promotes the activation of NF-kappa-B. DR5 is essential for ER stress-induced apoptosis and is regulated by p53/TP53.

Molecular Weight:	19.1 kDa
Pathways:	<a href="#">p53 Signaling</a> , <a href="#">Apoptosis</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a>

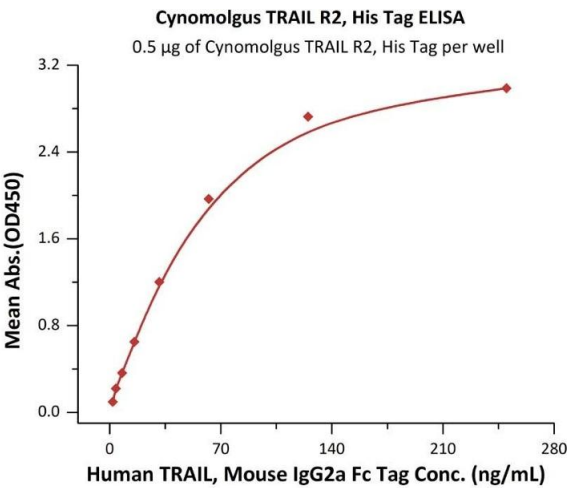
Application Details

Application Notes:	MALS verified
Restrictions:	For Research Use only

Handling

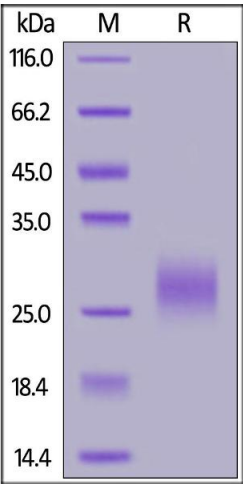
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C

Images



ELISA

**Image 1.** Immobilized Cynomolgus TRAIL R2, His Tag (ABIN6973287) at 5 µg/mL (100 µL/well) can bind Human TRAIL, Mouse IgG2a Fc Tag (ABIN6933657,ABIN6938881) with a linear range of 2-63 ng/mL (QC tested).



SDS-PAGE

**Image 2.** Cynomolgus TRAIL R2, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .