

Datasheet for ABIN7320862

**TNFRSF10B Protein (His tag,AVI tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	TNFRSF10B
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF10B protein is labelled with His tag,AVI tag.

## Product Details

Purpose:	Recombinant Mouse TRAIL R2/TNFRSF10B Protein (AVI & His Tag)
Sequence:	Asn53-Ser177
Characteristics:	Biotinylated Recombinant Mouse TRAILR2 is produced by our Mammalian expression system and the target gene encoding Asn53-Ser177 is expressed with a Avi-6Histag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	TNFRSF10B
Alternative Name:	TRAIL R2/TNFRSF10B ( <a href="#">TNFRSF10B Products</a> )
Background:	Background: Mouse tumor necrosis factor receptor superfamily member 10B (TNFRSF10B) is a member of the TNFR family which contains 1 death domain and 3 TNFR-Cys repeats. TNFRSF10B exhibits high structural and functional homology to TRAIL-R1 (DR-4). TNFRSF10B

## Target Details

is highly expressed in heart, lung, lymphocytes, spleen and kidney. In addition, it is regulated by the tumor suppressor p53. TNFRSF10B is the receptor for the cytotoxic ligand TNFSF10/TRAIL. It promotes the activation of NF-kappa-B and is essential for ER stress-induced apoptosis. The adapter molecule FADD 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 mediating apoptosis.

Synonym: Tumor Necrosis Factor Receptor Superfamily Member 10B, Death Receptor 5, TNF-Related Apoptosis-Inducing Ligand Receptor 2, TRAIL Receptor 2, TRAIL-R2, CD262, TNFRSF10B, DR5, KILLER, TRAILR2, TRICK2, ZTNFR9

Molecular Weight: 16.4 kDa

UniProt: [Q9QZM4](#)

Pathways: [p53 Signaling](#), [Apoptosis](#), [Positive Regulation of Endopeptidase Activity](#)

## Application Details

Restrictions: For Research Use only

## Handling

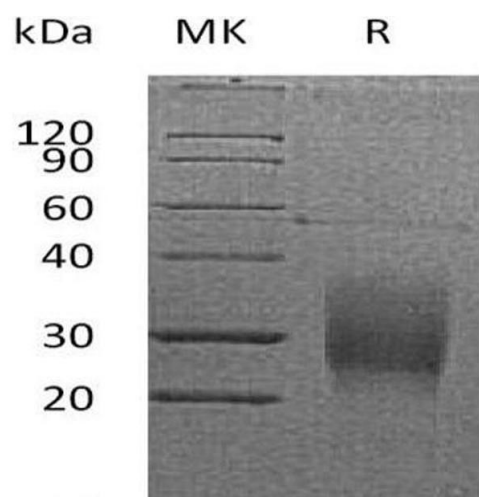
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.