

Datasheet for ABIN1344264

TNFRSF10B Protein (AA 52-212) (Fc Tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	TNFRSF10B
Protein Characteristics:	AA 52-212
Origin:	Human, Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TNFRSF10B protein is labelled with Fc Tag.
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	TRAIL-R2 (human):Fc (human) (rec.)
Specificity:	Binds to human and mouse TRAIL.
Cross-Reactivity:	Human, Mouse
Characteristics:	The extracellular domain of human TRAIL-R2 (aa 52-212) is fused to the Fc portion of human IgG1.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL test).
Biological Activity Comment:	Blocks human or mouse TRAIL activity in a concentration of 1-10µg/ml.

Target Details

Target:	TNFRSF10B
Alternative Name:	TRAIL-R2 (TNFRSF10B Products)
Background:	DR5, TNFRSF 10B, CD262, Tumor Necrosis Factor Receptor Superfamily Member 10B, TRAIL Receptor 2 TRAIL-R2 (DR5, CD262) is a receptor for the cytotoxic ligand TRAIL. 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 (aspartate-specific cysteine proteases) mediating apoptosis. Promotes the activation of NF-kappaB.
Molecular Weight:	~50kDa (SDS-PAGE)
UniProt:	O14763
Pathways:	p53 Signaling , Apoptosis , Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with 50 µL sterile water.
Concentration:	1 mg/mL
Buffer:	Contains PBS.
Handling Advice:	After reconstitution, prepare aliquots and store at -20 °C. Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution. PBS containing at least 0.1 % BSA should be used for further dilutions.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Use & Stability: Stable for at least 6 months after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.

Handling

Expiry Date: 6 months