

Datasheet for ABIN7454228

TNFRSF10B Protein (AA 58-212) (His tag)[Go to Product page](#)

Overview

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

Product Details

Purpose:	Cynomolgus TRAIL R2/DR5/TNFRSF10B Protein
Sequence:	Ile58-Ser212
Characteristics:	Recombinant Cynomolgus TRAIL R2/DR5/TNFRSF10B Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ile58-Ser212.
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.
Biological Activity Comment:	Immobilized Cynomolgus TRAIL R2, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-TRAIL R2 Antibody, hFc Tag with the EC50 of 4.7ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	TNFRSF10B
Alternative Name:	TRAIL R2 (TNFRSF10B Products)
Background:	DR5, also called TRAIL R2, TRICK 2, TNFRSF10B, and MK is a type 1 TNF R superfamily, membrane protein which is a receptor for TRAIL (APO2 ligand). DR5 is a receptor for the cytotoxic ligand TNFSF10/TRAIL. 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.
Molecular Weight:	18.28 kDa. Due to glycosylation, the protein migrates to 25-35 kDa based on Tris-Bis PAGE result.
UniProt:	A0A2K5TXK0
Pathways:	p53 Signaling , Apoptosis , Positive Regulation of Endopeptidase Activity

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