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TNFRSF10B Protein (His-Avi Tag, Biotin)





Go to Product page

Overview

Quantity:	100 μg
Target:	TNFRSF10B
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF10B protein is labelled with His-Avi Tag,Biotin.

Product Details

Sequence:	lle56-Glu182
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 Anti-TRAIL R2 Antibody, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose
	response curve for Biotinylated Human TRAIL R2, His Tag with the EC50 of $0.1 \mu g/ml$
	determined by ELISA. See testing image for detail.

Target Details

Target:	TNFRSF10B
Alternative Name:	TRAIL R2 (TNFRSF10B Products)
Background:	CD262, DR5, DR5TRICK2B, Fas-like protein, KILLER/DR5, TNFRSF10B, TRAIL R2, TRAIL
	receptor 2, TRAILR2, TRICK2, TRICK2A, TRICKB, ZTNFR9, KILLER,DR5, also called TRAIL R2,

Target Details	
	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:	17.2 kDa. Due to glycosylation, the protein migrates to 20-25 kDa based on Tris-Bis PAGE result.
Pathways:	p53 Signaling, Apoptosis, Positive Regulation of Endopeptidase Activity
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % trehalose is added as

Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost

protectant before lyophilization.

freezer and avoid repeated freeze-thaw cycles.

4 °C,-80 °C

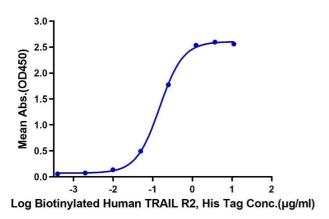
12 months

Storage:

Expiry Date:

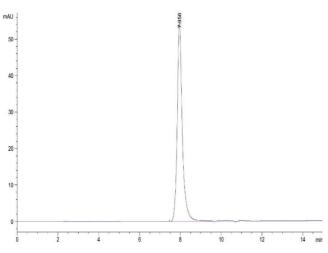
Storage Comment:

Biotinylated Human TRAIL R2, His Tag ELISA 0.5µg Anti-TRAIL R2 Antibody, hFc Tag Per Well



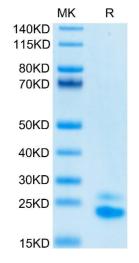
ELISA

Image 1. Immobilized Anti-TRAIL R2 Antibody, hFc Tag at 5 μ g/mL (100 μ L/well) on the plate. Dose response curve for Biotinylated Human TRAIL R2, His Tag with the EC50 of 0.1 μ g/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Biotinylated Human TRAIL R2 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

 $\label{eq:mage 3.} \textbf{Biotinylated Human TRAIL R2 on Tris-Bis PAGE} \\ \textbf{under reduced conditions. The purity is greater than 95 \%} \, .$

Please check the product details page for more images. Overall 4 images are available for ABIN7275780.