

Datasheet for ABIN7535377

TNFRSF10B Protein (Fc Tag,His tag)



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Overview

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

Product Details

Purpose:	Active Recombinant Human TNFRSF10B/DR5/TRAIL-R2/CD262 Protein
Sequence:	ITQQDLAPQQ RAAPQQKRSS PSEGLCPPGH HISEDGRDCI SCKYGQDYST HWNDLLFCLR CTRCDSGEVE LSPCTTTRNT VCQCEEGTFR EEDSPEMCRK CRTGCPRGMV KVGDCPTWSD IECVHKE
Specificity:	Ile56-Glu182
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg
Biological Activity Comment:	1.Measured by its binding ability in a functional ELISA.Immobilized Human TNFRSF10B at 1 µg/mL (100 µL/well) can bind Human TNFSF10 with a linear range of 0.1-11.7 ng/mL.2.Measured by its ability to inhibit TRAIL-mediated cytotoxicity using L_x001e_929 mouse fibroblast cells treated with TRAIL. The ED ₅₀ for this effect is 30-120 pg/mL in the

Product Details

presence of 20 ng/mL Recombinant Human TRAIL/TNFSF10.

Target Details

Target:	TNFRSF10B
Alternative Name:	TNFRSF10B/DR5/TRAIL-R2/CD262 (TNFRSF10B Products)
Background:	Description: This protein is a member of the TNF-receptor superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces an apoptosis signal. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. Name: CD262,DR5,KILLER,KILLER/DR5,TRAIL-R2,TRAILR2,TRICK2,TRICK2A,TRICK2B,TRICKB,ZTNFR9,TNFRSF10B
Gene ID:	8795
UniProt:	O14763-1
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 vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.