Datasheet for ABIN1097688

DcR1 Protein (AA 26-221) (His tag)

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Overview

Quantity:	50 µg
Target:	DcR1 (TNFRSF10C)
Protein Characteristics:	AA 26-221
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DcR1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human TRAIL R3/TNFRSF10C/CD263 (C-6His)
Sequence:	ATTARQEEVP QQTVAPQQQR HSFKGEECPA GSHRSEHTGA CNPCTEGVDY TNASNNEPSC FPCTVCKSDQ KHKSSCTMTR DTVCQCKEGT FRNENSPEMC RKCSRCPSGE VQVSNCTSWD DIQCVEEFGA NATVETPAAE ETMNTSPGTP APAAEETMNT SPGTPAPAAE ETMTTSPGTP APAAEETMTT SPGTPAVDHH HHHH
Characteristics:	Recombinant Human Tumor Necrosis Factor Receptor Superfamily Member 10C/TNFRSF10C produced by transfected human cells is a secreted protein with sequence(Ala26-Ala221) of Human TNFRSF10C fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	DcR1 (TNFRSF10C)
Alternative Name:	trail-r3 (TNFRSF10C Products)
Sub Type:	Fusionprotein
Background:	Tumor Necrosis Factor Receptor Superfamily Member 10C (TNFRSF10C) is a glycosyl-phosphatidylinositol-linked membrane protein which binds TRAIL with high affinity. TNFRSF10C has the TRAIL-binding extracellular cysteine-rich domains, lacks the intracellular signaling domain. As a result, binding of TRAIL to TRAIL R3 doesn't transduce an apoptosis signal. The expression of TRAIL R3 gene has been shown to protect cells bearing TRAIL R1 and/or TRAIL R2 from TRAIL-induced apoptosis. Alternative Names: Tumor Necrosis Factor Receptor Superfamily Member 10C, Antagonist Decoy Receptor for TRAIL/Apo-2L, Decoy TRAIL Receptor Without Death Domain, Decoy Receptor 1, DcR1, Lymphocyte Inhibitor of TRAIL, TNF-Related Apoptosis-Inducing Ligand Receptor 3, TRAIL Re
Molecular Weight:	21.78 kDa
UniProt:	O14798
Pathways:	Apoptosis

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Handling

Expiry Date:	3 months