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Datasheet for ABIN1691550
DcR1 Protein (AA 26-221) (His tag,Fc Tag)

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,Fc Tag.

Product Details

Purpose:	Recombinant Human TRAIL R3/TNFRSF10C/CD263 (C-Fc-6His)
Sequence:	ATTARQEEVP QQTVAPQQQR HSFKGEECPA GSHRSEHTGA CNPCTEGVDY TNASNNEPSC FPCTVCKSDQ KHKSSCTMTR DTVCQCKEGT FRNENSP EMC RKCSRCPSGE VQVSNCTSWD DIQCVEEFGA NATVETPAAE ETMNTSPGTP APAAEETMNT SPGTPAPAAE ETMTTSPGTP APAAEETMTT SPGTPAVDDI EGRMDEPKSC DKTHTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYV LPPSREEMTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL TVDKSRWQQG NVFSCSVMHE ALHNHYTQKS LSLSPGKHHH HHH
Characteristics:	Recombinant Human Tumor Necrosis Factor Receptor Superfamily Member 10C/TNFRSF10C is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Ala26-Ala221) of Human TNFRSF10C fused with a polyhistidine tag at the C-terminus.

Product Details

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:	TNFRSF10C (TNFRSF10C Products)
Sub Type:	Fusionprotein
Background:	<p>Tumor Necrosis Factor Receptor Superfamily Member 10C (TNFRSF10C) is a glycosyl-phosphatidylinositol-linked membrane protein which binds TRAIL with high affinity.</p> <p>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.</p> <p>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</p>
Molecular Weight:	48.7 kDa
UniProt:	014798
Pathways:	Apoptosis

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Handling

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.
Expiry Date:	5 months