

Recombinant Human TNFRSF21, Fc-tagged

Cat. No. TNFRSF21-28132TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fusion protein, comprising the extracellular region (amino acids 1/212) of Human DR6 and Fc portion of human IgG1. Produced in HEK 293 cells.
Species	Human
Description	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been shown to activate NF-kappaB and MAPK8/JNK, and induce cell apoptosis. Through its death domain, this receptor interacts with TRADD protein, which is known to serve as an adaptor that mediates signal transduction of TNF-receptors. Knockout studies in mice suggested that this gene plays a role in T-helper cell activation, and may be involved in inflammation and immune regulation.
Conjugation	Fc
Tissue specificity	Highly expressed in heart, brain, placenta, pancreas, lymph node, thymus and prostate. Detected at lower levels in lung, skeletal muscle, kidney, testis, uterus, small intestine, colon, spleen, bone marrow and fetal liver. Very low levels were found in ad
Form	Lyophilised: Reconstitute with 50 µl sterile deionized water. For long term storage or for preparation of more diluted working stock solution, a carrier protein (e.g. 1% serum albumin) should be added to the vial.
Purity	Protein A purified
Storage buffer	Preservative: None Constituents: PBS

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Contains 1 death domain.Contains 4 TNFR-Cys repeats.
GENE INFORMATION	
Gene Name	TNFRSF21 tumor necrosis factor receptor superfamily, member 21 [Homo sapiens]
Official Symbol	TNFRSF21
Synonyms	TNFRSF21; tumor necrosis factor receptor superfamily, member 21; tumor necrosis factor receptor superfamily member 21; CD358; death receptor 6; DR6;
Gene ID	27242
mRNA Refseq	NM_014452
Protein Refseq	NP_055267
MIM	605732
Uniprot ID	O75509
Chromosome Location	6p21.1
Pathway	Apoptosis, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem;

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Function	protein binding; receptor activity;
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