

## Recombinant Human TNFRSF21, Fc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Description</b>	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.
<b>Conjugation</b>	Fc
<b>Tissue specificity</b>	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
<b>Form</b>	Lyophilised:Reconstitute with 50 µsterile 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.
<b>Purity</b>	Protein A purified
<b>Storage buffer</b>	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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