

Active Recombinant Human TNFRSF21, Fc-tagged, Biotinylated

Cat. No. TNFRSF21-599H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant human DR6-Fc fusion is expressed as a 536 amino acid protein consisting of Gln42 - His349 region of DR6 (UniProt accession #O75509) and a C-terminal Fc from human IgG1, which exists as a dimer/tetramer under non-reducing conditions.
Species	Human
Source	Human Cells
ProteinLength	42-349 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free). The purified recombinant protein was labeled with Biotin (3-5 Biotin per molecule).
Bio-activity	Binds to human APP or APLP2.
Molecular Mass	Calculated molecular mass (kDa): 59; Estimated by SDS-PAGE under reducing condition (kDa): 75-85
Endotoxin	<0.1 eu per 1 µg of purified recombinant protein determined by the
Purity	>95% judged by SDS-PAGE under reducing condition
Storage	The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before

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opening the vial. It is recommended to store small aliquots at the temperature below –20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.

Conjugation Biotin

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; TNFR-related death receptor 6; BM-018; MGC31965;

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,

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organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; PPARA Activates Gene Expression, organism-specific biosystem;

Function

protein binding; receptor activity;

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