

Recombinant Human TNFRSF21, Fc-tagged

Cat. No. TNFRSF21-228H Lot. No. (See product label)

SPECIFICATION

Product Overview	The Fc portion of human IgG1 is fused to the C-terminus of human DR6 (aa 42-351).
Species	Human
Source	HEK293
ProteinLength	42-351 a.a.
Description	DR6 is an orphan TNF receptor superfamily member belonging to a subgroup of receptors called death receptors. Expressed ubiquitously with high expression in lymphoid organs, heart, brain, and pancreas. Broadly expressed by developing neurons where it functions as pro-apoptotic factor. Recently, it has been reported that interaction with the β -amyloid precursor protein (APP) activates a widespread caspase-dependent self-destruction program dependent on caspase-6.
Form	Lyophilized. Contains PBS.
Molecular Mass	~80kDa (SDS-PAGE)
Purity	≥95% (SDS-PAGE)
Stability	Stable for at least 6 months after receipt when stored at -20°C.
Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles. PBS containing at least 0.1%

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BSA should be used for further dilutions.

Concentration 1mg/ml after reconstitution.

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, 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

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lipoproteins, organism-specific biosystem; PPARA Activates Gene Expression, organism-specific biosystem;

Function

protein binding; receptor activity;

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