

Recombinant Human TNFRSF21

Cat. No. TNFRSF21-1604H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Sf21 Cells
Description	Death receptor-6 (DR6), a member of the death domain-containing TNFR superfamily, is highly expressed in lymphoid tissues and regulated upon lymphocyte activation. Targeted disruption of DR6 results in enhanced CD4(+) T cell proliferation and T helper 2 differentiation in vitro. DR6 contains an extracellular region and an intracellular region; the intracellular region harbors a death domain that is critical for transduction of apoptotic signals. DR6 interacts with death domain containing adapter molecule TRADD. Overexpression of DR6 induces apoptosis and activates NF-κB and JNK.
Molecular Weight	The predicted molecular weight of Recombinant Human DR6 is Mr 60.3 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 65-75 kDa.
State Of Matter	Lyophilized.
Purity	>95% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/g as determined by the LAL method.

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Storage And Stability

This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

GENE INFORMATION

Gene Name	TNFRSF21 tumor necrosis factor receptor superfamily, member 21 [Homo sapiens]
Synonyms	TNFRSF21; tumor necrosis factor receptor superfamily, member 21; DR6; BM-018; MGC31965; death receptor 6; death receptor 6; TNFR-related death receptor 6; OTTHUMP00000016561; OTTHUMP00000039915
Gene ID	27242
mRNA Refseq	NM_014452
Protein Refseq	NP_055267
MIM	605732
UniProt ID	O75509
Chromosome Location	p21
Pathway	Cytokine-cytokine receptor interaction
Function	protein binding; receptor activity

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PDB rendering based
on 2dbh.



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