

Recombinant Human TNFRSF21 Protein, His-tagged

Cat. No. TNFRSF21-943H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF21 fused with His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the tumor necrosis factor receptor superfamily. The encoded protein activates nuclear factor kappa-B and mitogen-activated protein kinase 8 (also called c-Jun N-terminal kinase 1), and induces cell apoptosis. Through its death domain, the encoded receptor interacts with tumor necrosis factor receptor type 1-associated death domain (TRADD) protein, which is known to mediate signal transduction of tumor necrosis factor receptors. Knockout studies in mice suggest that this gene plays a role in T-helper cell activation, and may be involved in inflammation and immune regulation.
Form	Lyophilized from a 0.2 M filtered solution of 20mM PB, 150mM NaCl, pH 7.4
Molecular Mass	34.62kD
AA Sequence	QPEQKASNLIGTYRHVDRATGQVLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCPWPMIEKLPCAALTDRECTCPPGMFQSNATCAPHTVCPV GWGVRKKGTETEDVRCKQCARGTFSDVPSSVMKCKAYTDCLSQNLVVIKPGTKET DNVCGTLPSFSSSTSPSPGTAIFPRPEHMETHEVPSSTYVPKGMNSTESNSSASVR PKVLSSIQEGTVPDNTSSARGKEDVNKTLPNLQVVNHQQGPHHRHILKLLPSMEAT

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GGEKSSTPIKGPKRGHPRQNLHKHFDINEHLVDHHHHHH

Endotoxin Endotoxin level is <0.1 ng/g of protein (<1EU/g).

Purity >95% as determined by SDS-PAGE and Coomassie blue staining

Concentration Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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

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