

Recombinant Human TNFRSF21 Protein, Fc-tagged

Cat. No. TNFRSF21-206H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TNFRSF21 protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	655
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
Molecular Mass	60.2 kDa
AA Sequence	MGTSPPSSSTALASCSRIARRATATMIAGSLLLLGFLSTTTAQPEQKASNLIGTYRHVD RATGQVLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCP WPMIEKLPCAALTDRECTCPPGMFQSNATCAPHTVCPVGWGVRRKGTETEDVRCK QCARGTFSDVPSSVMKCKAYTDCLSQNLVVIKPGTKETDNVCGTLPSFSSSTSPSP

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GTAIFPRPEHMETHEVPSSTYVPKGMNSTESNSSASVRPKVLSSIQEGTVPDNTSSA
 RGKEDVNKTLPNLQVVNHQQGPHHRHILKLLPSMEATGGEKSSTPIKGPKRGHPRQ
 NLHKHFDINEHLPWMIVLFLLLVLVVIVVCSIRKSSRTLKKGPRQDPSAIVEKAGLKKS
 MTPTQNREKWIYYCNGHGIDILKLVAQVGSQWKDIYQFLCNASEREVAAFSNGYT
 ADHERAYAALQHWITIRGPEASLAQLISALRQHRRNDVVEKIRGLMEDTTQLETDKLA
 LPMSPSPSPSPSPNAKLENSALLTVEPSPQDKNKGFFVDESEPLLRCSTSSGS
 SALSRRNGSFITKEKKDTVLRQVRLDPCDLQPIFDDMLHFLNPEELRVIEEIPQAEDKL
 DRLFELIGVKSQEASQTLLDSVYSHLPDLL

Purity > 98%

Applications WB; ELISA; FACS; FC

Stability This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term).
 After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18
 centigrade for future use.

Storage At -20 centigrade.

Concentration 1 mg/mL

Storage Buffer PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

Reconstitution Reconstitute in sterile distilled H₂O to no less than 100 µg/mL; dilute reconstituted
 stock further in other aqueous solutions if needed. Please review COA for lot-specific
 instructions. Final measurements should be determined by the end-user for optimal
 performance.

GENE INFORMATION

Gene Name TNFRSF21 tumor necrosis factor receptor superfamily, member 21 [Homo sapiens

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	(human)]
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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