

## Recombinant Human TNFRSF21 Protein, Fc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human TNFRSF21 protein with Fc tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	655
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	60.2 kDa
<b>AA Sequence</b>	<p>MGTSPSSSTALASCSRIARRATATMIAGSLLLLGFLSTTTAQPEQKASNLIGTYRHVD  RATGQVLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQPCP  WPMIEKLPCAALTDRECTCPPGMFQSNATCAPHTVCPVGWVGRKKGTTETEDVRCK  QCARGTFSDVPSSVMKCKAYTDCLSQNLVVIKPGTKETDNVCGTLPSFSSSTSPSP</p>

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GTAIFPRPEHMETHEVPSSTYVPKGMNSTESNSSASVRPKVLSSIQEGTVPDNTSSA  
 RGKEDVNKTLPNLQVVNHQQGPHHRHILKLLPSMEATGGEKSSTPIKGPKRGHPRQ  
 NLHKHFDINEHLPWMIVLFLLLVLVVIVVCSIRKSSRTLKKGPRQDPSAIVEKAGLKKS  
 MTPTQNREKWIYYCNGHGIDILKLVAQAQVGSQWKDIYQFLCNASEREVAAFSNGYT  
 ADHERAYAALQHWITIRGPEASLAQLISALRQHRRNDVVEKIRGLMEDTTQLETDKLA  
 LPMSPSPSPSPIPSPNAKLENSALLTVEPSPQDKNKGFFVDESEPLLRC DSTSSGS  
 SALS RNGSFITKEKKD TVLRQVRLDPCDLQIFDDMLHFLNPEELRVIEEIPQAEDKL  
 DRLF EIIGVKSQEASQTLLDSVYSHLPDLL

<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	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.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	Reconstitute in sterile distilled H <sub>2</sub> O 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

<b>Gene Name</b>	TNFRSF21 tumor necrosis factor receptor superfamily, member 21 [ Homo sapiens
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	(human) ]
<b>Official Symbol</b>	TNFRSF21
<b>Synonyms</b>	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;
<b>Gene ID</b>	27242
<b>mRNA Refseq</b>	NM_014452
<b>Protein Refseq</b>	NP_055267
<b>MIM</b>	605732
<b>UniProt ID</b>	O75509

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