

Recombinant Human TNFRSF1A, His-tagged

Cat. No. TNFRSF1A-31571TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fusion protein, corresponding to amino acids 41-201 of Human TNF Receptor I mature protein, with N-terminal hexahistidine tag.
Species	Human
Source	E.coli
ProteinLength	41-201 a.a.
Description	The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein is one of the major receptors for the tumor necrosis factor-alpha. This receptor can activate NF-kappaB, mediate apoptosis, and function as a regulator of inflammation. Antiapoptotic protein BCL2-associated athanogene 4 (BAG4/SODD) and adaptor proteins TRADD and TRAF2 have been shown to interact with this receptor, and thus play regulatory roles in the signal transduction mediated by the receptor. Germline mutations of the extracellular domains of this receptor were found to be associated with the autosomal dominant periodic fever syndrome. The impaired receptor clearance is thought to be a mechanism of the disease.
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE

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Storage buffer	Preservative: None Constituents: 50% Glycerol, 20mM Tris, pH 8
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequence Similarities	Contains 1 death domain. Contains 4 TNFR-Cys repeats.
GENE INFORMATION	
Gene Name	TNFRSF1A tumor necrosis factor receptor superfamily, member 1A [Homo sapiens]
Official Symbol	TNFRSF1A
Synonyms	TNFRSF1A; tumor necrosis factor receptor superfamily, member 1A; TNFR1; tumor necrosis factor receptor superfamily member 1A; CD120a; TNF R; TNF R I; TNF R55; TNFAR; TNFR60;
Gene ID	7132
mRNA Refseq	NM_001065
Protein Refseq	NP_001056
MIM	191190
Uniprot ID	P19438
Chromosome Location	12p13.2
Pathway	Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Alzheimers disease, organism-specific

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biosystem; Alzheimers disease, conserved biosystem; Amyotrophic lateral sclerosis (ALS), organism-specific biosystem;

Function

protease binding; protein binding; receptor activity; tumor necrosis factor binding; tumor necrosis factor-activated receptor activity;

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