

Recombinant Human tumor necrosis factor receptor superfamily, member 1A, His-tagged

Cat. No. TNFRSF1A-660H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TNFRSF1A, 22-211aa Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	22-211 a.a.
Description	TNFRSF1A 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. Recombinant human TNFRSF1A protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol
Molecular Mass	23.6 kDa (213aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSYPSGVI GLVPHLGDRE KRDSVCPQ GK

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YIHPQNNNSIC CTKCHKGYTL YNDCPGPGQD TDCRECESGS FTASENHLRH
 CLSCSKCRKE MGQVEISSCT VDRDTVCGCR KNQYRHYWSE NLFQCFNCSL
 CLNGTVHLSC QEKQNTVCTC HAGFFLRENE CVSCSNCKKS LECTKLCLPQ
 IENVKGTEDS GTT

Purity	>85 % by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1.0 mg/ml (determined by Bradford assay)

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; TNF-R1; TNF-RI; TNFR-I; tumor necrosis factor-alpha receptor; tumor necrosis factor receptor type 1; tumor necrosis factor binding protein 1; tumor necrosis factor receptor 1A isoform beta; FPF; p55; p60; TBP1; TNF-R; p55-R; TNFR55; TNF-R-I; TNF-R55; MGC19588;
Gene ID	7132
mRNA Refseq	NM_001065
Protein Refseq	NP_001056

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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 biosystem; Alzheimers disease, conserved biosystem; Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; Apoptosis, organism-specific biosystem;
Function	protease binding; protein binding; receptor activity; tumor necrosis factor binding; tumor necrosis factor-activated receptor activity;

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