

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

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

## SPECIFICATION

<b>Product Overview</b>	TNFRSF1A, 22-211aa Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	22-211 a.a.
<b>Description</b>	<p>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.</p>
<b>Form</b>	Liquid, In 20mM Tirs-HCl (pH8.0) containing 10% glycerol
<b>Molecular Mass</b>	23.6 kDa (213aa)
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSIYPSGVI GLVPHLGDRE KRDSVCPQ GK

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YIHPQNNSIC CTKCHKGYL YNDCPGPGQD TDCRECESGS FTASENHLRH  
 CLSCSKCRKE MGQVEISSCT VDRDTCVCGCR 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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<b>MIM</b>	191190
<b>UniProt ID</b>	P19438
<b>Chromosome Location</b>	12p13.2
<b>Pathway</b>	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;
<b>Function</b>	protease binding; protein binding; receptor activity; tumor necrosis factor binding; tumor necrosis factor-activated receptor activity;

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