

Recombinant Human Tumor Necrosis Factor Receptor Superfamily, Member 1A

Cat. No. TNFRSF1A-1577H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNF receptor (P55) extracellular domain is produced in genetically engineered <i>Spodoptera frugiperda</i> insect cells (Sf9) infected with recombinant viruses, and purified by sequential chromatography.
Species	Human
Source	Sf9 Cells
Description	TNFR1 belongs to the TNFR superfamily of transmembrane proteins, and is expressed in most cell types. Binding of either TNF-alpha or TNF-beta to TNFR1 initiates a signal transduction pathway that results in the activation of the transduction factor NFkB, whose target genes are involved in the regulation of inflammatory responses, and, in certain cells induce apoptosis.
Availability	Check availability.
Isotype	N/A.
Purity	Over 80% pure. Three bands are observed by SDS gel electrophoresis, however, a single band is observed after glycosidase treatment, indicating heterogeneity in the sugar portion of this glycoprotein.
Formulation	10 mM HEPES, pH 7.0. Concentration: 1.0 mg protein/ml.

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Biological Activity	Binding of the ligand TNF was demonstrated by receptor binding competition of binding with radioactive TNF.
Stability	At least 2 months at -80°C.
Storage	Store at -80°C.
GENE INFORMATION	
Gene Name	TNFRSF1A tumor necrosis factor receptor superfamily, member 1A [Homo sapiens]
Synonyms	TNFRSF1A; tumor necrosis factor receptor superfamily, member 1A; FPF; p55; p60; TBP1; TNF-R; TNFAR; TNFR1; p55-R; CD120a; TNFR55; TNFR60; TNF-R-I; TNF-R55; MGC19588; tumor necrosis factor binding protein 1; tumor necrosis factor receptor 1; tumor necrosis factor receptor 1A isoform beta; tumor necrosis factor receptor type 1; tumor necrosis factor-alpha receptor
Gene ID	7132
mRNA Refseq	NM_001065
Protein Refseq	NP_001056
MIM	191190
UniProt ID	P19438
Chromosome Location	12p13.2
Pathway	Adipocytokine signaling pathway; Alzheimer"s disease; Amyotrophic lateral sclerosis

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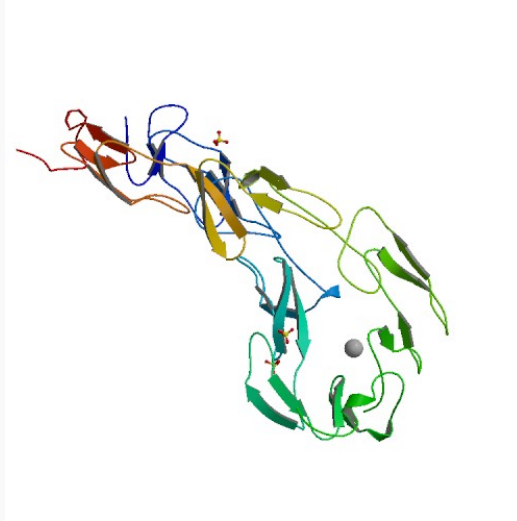
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(ALS); Apoptosis; Cytokine-cytokine receptor interaction; MAPK signaling pathway;
MAPK signaling pathway; Apoptosis

Function

protein complex binding; receptor activity; tumor necrosis factor receptor activity

**PDB rendering based
on 1ext.**



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