

Recombinant Human TNFRSF1A protein, hlgG-His-tagged

Cat. No. TNFRSF1A-46H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TNFRSF1A, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
Description	TNFRSF1A, also known as tumor necrosis factor receptor superfamily member 1A, is a member of CD family, tumor necrosis factor receptor superfamily. It is one of the most primary receptors for the tumor necrosis factor-alpha. It has been shown to be localized to both plasma membrane lipid rafts and the trans golgi complex with the help of the death domain.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	47.7kDa (424aa)57-70KDa (SDS-PAGE under reducing conditions.)
AA Sequence	ADPLVPHLGD REKRDSVCPQ GKYIHPQNNS ICCTKCHKGT YLYNDPCPGPG QDTDCRECES GSFTASENHL RHCLSCSKCR KEMGQVEISSCTVDRDTVCG CRKNQYRHYW SENLFQCFNC SLCLNGTVHL SCQEKQNTVC TCHAGFFLRE NECVSCSNCK KSLECTKLCL PQIENVKGTEDSGTTLEPKS CDKTHTCPPC PAPELLGGPS VFLFPPKPKD TLMISRTPEV TCVVVDVSHE DPEVKFNWYV DGVEVHNAKT KPREEQYNSTYRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA KGQPREPQVY TLPPSRDELT KNQVSLTCLV KGFYPSDIAV

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	EWESNGQPENNYKTTTPVLD SDGSFFLYSK LTVDKSRWQQ GNVFSCSVMH EALHNHYTQK SLSLSPGKHH HHHH
Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	>90% by SDS - PAGE
Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20Centigrade or -70Centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Absorbance at 280nm)
GENE INFORMATION	
Gene Name	TNFRSF1A tumor necrosis factor receptor superfamily, member 1A [Homo sapiens]
Official Symbol	TNFRSF1A
Synonyms	TNFRSF1A; TNFR1; CD120a; TNF R; TNF R I; TNF R55; TNFAR; TNFR60; TNF-R1
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 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;