

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 GKYIHPQNN ICCTKCHKGT YLYNDPCGPG QDTDCRECES GSFTASENHL RHCLSCSKCR KEMGQVEISSCTVDRDTVCG CRKNQYRHYW SENLFQCFNC SLCLNGTVHL SCQEKQNTVC TCHAGFFLRE NECVSCSNCK KSLECTKLCL PQIENVKGTEDSGTTLEPKS CDKTHTCPPC PAPELLGGPS VFLFPPKPKD TLMISRTPEV TCVVVDVSHE DPEVKFNWYV DGVEVHNAKT KPREEQYNSTYRVVSVLTVL HQDWLNGKEY KCKVSNKALP APIEKTISKA KGQPREPQVY TLPPSRDELTKNQVSLTCLV 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](#)

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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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