

Recombinant Human TNFRSF1B protein, His-tagged

Cat. No. TNFRSF1B-62H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TNFRSF1B, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
Description	TNFRSF1B, also known as tumor necrosis factor receptor superfamily member 1B, mediates most of the metabolic effects of TNF-alpha. The receptor isoform 2 blocks TNF-alpha-induced apoptosis, which suggests that it regulates TNF-alpha function by antagonizing its biological activity. Further, high plasma levels of TNFRSF1B were significantly associated with increased incidence of coronary heart disease.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	25.9kDa (241aa)28-40KDa (SDS-PAGE under reducing conditions.)
AA Sequence	LPAQVAFTPY APEPGSTCRL REYYDQTAQM CCSKCSPGQH AKVFCTKTSD TVCDSCEDST YTQLWNWVPE CLSCGSRCSS DQVETQACTR EQNRICTCRP GWYCALSKQE GCRLCAPLRK CRPGFGVARP GTETSDVVCK PCAPGTFSNT TSSTDICRPH QICNVVAIPG NASMDAVCTSTSPTRSMAPG AVHLPQPVST RSQHTQPTPE PSTAPSTSFL LPMGPSPPAE GSTGDHHHHH H
Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)

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Purity	>95% by SDS – PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1.0mg/ml (determined by Absorbance at 280nm)
GENE INFORMATION	
Gene Name	TNFRSF1B tumor necrosis factor receptor superfamily, member 1B [Homo sapiens]
Official Symbol	TNFRSF1B
Synonyms	TNFRSF1B; tumor necrosis factor receptor superfamily, member 1B; TNFR2; tumor necrosis factor receptor superfamily member 1B; CD120b; p75; TNF R II; TNF R75; TNFBR; TNFR80; TNF-R2; TNF-RII; p75 TNF receptor; p80 TNF-alpha receptor; soluble TNFR1B variant 1; tumor necrosis factor receptor 2; tumor necrosis factor beta receptor; tumor necrosis factor receptor type II; tumor necrosis factor binding protein 2; TBPII; TNFR1B; TNF-R75; p75TNFR; TNF-R-II;
Gene ID	7133
mRNA Refseq	NM_001066
Protein Refseq	NP_001057
MIM	191191
UniProt ID	P20333

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Chromosome Location	1p36.22
Pathway	Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; Apoptosis, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	protein binding; receptor activity; tumor necrosis factor-activated receptor activity;

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