

## Recombinant Human TNFRSF1B protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human TNFRSF1B, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>Description</b>	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.
<b>Form</b>	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
<b>Molecular Mass</b>	25.9kDa (241aa)28-40KDa (SDS-PAGE under reducing conditions.)
<b>AA Sequence</b>	LPAQVAFTPY APEPGSTCRL REYYDQTAQM CCSKCSPGQH AKVFCTKTS TVCDSCEDST YTQLWNWVPE CLSCGSRCSS DQVETQACTR EQNRICTRP GWYCALSKE GCRLCAPLRK CRPGFGVARP GTETSDVVCK PCAPGTFST TSSTDICRPH QICNVVAIPG NASMDAVCTSTSPTRSMAPG AVHLPQPVST RSQHTQPTPE PSTAPSTSFL LPMGPSPPAE GSTGDHHHHH H
<b>Endotoxin</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method)

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<b>Purity</b>	>95% by SDS – PAGE
<b>Storage</b>	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.
<b>Concentration</b>	1.0mg/ml (determined by Absorbance at 280nm)

## GENE INFORMATION

<b>Gene Name</b>	TNFRSF1B tumor necrosis factor receptor superfamily, member 1B [ Homo sapiens ]
<b>Official Symbol</b>	TNFRSF1B
<b>Synonyms</b>	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;
<b>Gene ID</b>	7133
<b>mRNA Refseq</b>	NM_001066
<b>Protein Refseq</b>	NP_001057
<b>MIM</b>	191191
<b>UniProt ID</b>	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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