

## Recombinant Human TNFRSF1B, His-tagged

Cat. No. TNFRSF1B-31575TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment, corresponding to amino acids 23-206 of mature Human TNF Receptor II, containing N-terminal hexahistidine tag.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	23-206 a.a.
<b>Description</b>	<p>The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways.</p>
<b>Conjugation</b>	HIS
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 50% Glycerol, PBS, pH 7.4

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<b>Storage</b>	Store at -20°C. Stable for 12 months at -20°C
<b>Sequences of amino acids</b>	LPAQVAFT PYAPEPGSTC RLREYYDQTA QMCCSKCSPG QHAKVFCTKT SDTVCDSCED STYTQLWNWV PECLSCGSRC SSDQVETQAC TREQNRICTC RPGWYCALSK QEGCRLCAPL RKCRPGFGVA RPGTETSDVV CKPCAPGTFS NTTSSTDICR PHQICNVVAI PGNASMDAVC TSTSPT
<b>Sequence Similarities</b>	Contains 4 TNFR-Cys repeats.
<b>GENE INFORMATION</b>	
<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;
<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
<b>Chromosome Location</b>	1p36.22

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**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;

**Function**

protein binding; receptor activity; tumor necrosis factor-activated receptor activity;

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