Recombinant Human TNFRSF1B, His-tagged

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

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 23-206 of mature Human TNF Receptor II, containing N-terminal hexahistidine tag.
Species	Human
Source	E.coli
ProteinLength	23-206 a.a.
Description	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.
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 50% Glycerol, PBS, pH 7.4

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Storage	Store at -20°C. Stable for 12 months at -20°C
Sequences of amino acids	LPAQVAFT PYAPEPGSTC RLREYYDQTA QMCCSKCSPG QHAKVFCTKT SDTVCDSCED STYTQLWNWV PECLSCGSRC SSDQVETQAC TREQNRICTC RPGWYCALSK QEGCRLCAPL RKCRPGFGVA RPGTETSDVV CKPCAPGTFS NTTSSTDICR PHQICNVVAI PGNASMDAVC TSTSPT
Sequence Similarities	Contains 4 TNFR-Cys repeats.

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;
Gene ID	7133
mRNA Refseq	NM_001066
Protein Refseq	NP_001057
MIM	191191
Uniprot ID	P20333
Chromosome Location	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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