

Active Recombinant Human TNFRSF1B protein

Cat. No. TNFRSF1B-249H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF1B(Pro 24-Thr206) fused with an N-terminal Met was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro 24-Thr206
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.
Form	1 x PBS
Bio-activity	The ED50 is 0.15-0.5 µg/ml, corresponding to a specific activity of 2-6 x 10 ³ units/mg, determined by a dose-dependent inhibition of 0.25 ng/ml TNF-α induced cytotoxicity in L929 mouse fibroblast cells in the presence of 4 µg/ml actinomycin D.
Molecular Mass	20 kDa

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Endotoxin	Less than 0.01 ng per g protein as determined by the LAL method.
Purity	>95%, as determined by Coomassie stained SDS-PAGE
Concentration	Protein formulated and vialled at >50 ug/mL in specified buffer
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