

Product datasheet for **SC119459**

TNFRSF1B (NM_001066) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TNFRSF1B (NM_001066) Human Untagged Clone
Tag:	Tag Free
Symbol:	TNFRSF1B
Synonyms:	CD120b; p75; p75TNFR; TBPII; TNF-R-II; TNF-R75; TNFBR; TNFR1B; TNFR2; TNFR80
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >SC119459 representing NM_001066.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCGGCCGCGAATTCCGGCAGGAGCGAGCGCAGCGGAGCCTGGAGAGAAGGCGCTGGGCTGCGAGGGCGC
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_001066 unedited
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 AGTACACTTACCCAGCCAGTGTCCACAGATCCCAACACACGCAGCCAACCTCCAGAACC
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3' Read Nucleotide Sequence:

>OriGene 3' read for NM_001066 unedited
 TATGGACCGGGCCGCAATCTAGNGTCGAGTTTTTTTTTTTTTTTTTTTGTAGACAGACTC
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 GCCACCACGCCCCGCTAATTTCTGTATTTTAGTAGAGATGGGGTTTTACCATGTTGGCC
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 TAACTTGAAGGACCCCGTTCCCTACAGGGCTGCCACCTCCTCCCTGCACAGAGCCCCAGG
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 GGGAGCTGNNCGCTGTGAGCCACTANAGAACTTGCCCAAGAGCCTANAGTCTATGT
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 AAAGCCCAACCGCTGGNTACTGGCTCATCCACATCAGCCTCCAGGGCAGGGCTTCTTCG
 GTCTCCCAA

Restriction Sites:

NotI-NotI

ACCN:

NM_001066

Insert Size:

2427 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001066.2
RefSeq Size:	3682 bp
RefSeq ORF:	2427 bp
Locus ID:	7133
UniProt ID:	P20333
Cytogenetics:	1p36.22
Domains:	TNFR
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
Protein Pathways:	Adipocytokine signaling pathway, Amyotrophic lateral sclerosis (ALS), Cytokine-cytokine receptor interaction
MW:	84.9 kDa
Gene Summary:	<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. [provided by RefSeq, Jul 2008]</p>