

Product datasheet for **MC216483**

Tnfrsf1b (NM_011610) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfrsf1b (NM_011610) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tnfrsf1b
Synonyms:	CD120b; p75; TNF-alphaR2; TNF-R-II; TNF-R2; TNF-R75; TNFalpha-R2; TNFBR; Tnfr-1; Tnfr2; TNFR80
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216483 representing NM_011610
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCCCGCCGCCCTCTGGTTCGCGCTGGTCTTCAACTGCAGCTGTGGGCCACCGGGCACACAGTGC
 CCGCCCAGTTGTCTTGACACCCCTACAAACCGAACCTGGGTACGAGTGCCAGATCTCACAGGAATACTA
 TGACAGGAAGGCTCAGATGTGCTGTCTAAGTGTCTCTCGCCAATATGTGAAACATTTCTGCAACAAG
 ACCTCGGACACCGTGTGTGCGGACTGTGAGGCAAGCATGTATACCCAGGTCTGGAACAGTTTCGTACAT
 GTTTGAGTGCAGTTCTTCTGTACCACTGACCAGGTGGAGATCCGCGCCTGCCTAAACAGCAGAACCG
 AGTGTGTGCTTGCGAAGCTGGCAGTACTGCGCCTTGAAAACCCATTCTGGCAGCTGTGACAGTGCATG
 AGGCTGAGCAAGTGGCCCTGGCTTCGGAGTGGCCAGTCAAGAGCCCCAAATGAAATGTGCTATGCA
 AGGCCTGTGCCCCAGGACGTTCTGTACACCACATCATCCACTGATGTGTGCAGGCCCCACCGCATCTG
 TAGCATCTGGCTATTCGGAATGCAAGCACAGATGCAGTCTGTGCGCCGAGTCCCCAACTCTAAGT
 GCCATCCCAAGGACACTCTACGTATCTCAGCCAGAGCCACAAGATCCCAACCCCTGGATCAAGAGCCAG
 GGCCAGCCAAACTCCAAGCATCTTACATCGTTGGGTTCAACCCCAATTATTGAACAAAGTACCAAGGG
 TGGCATCTCTTCCAATTGGTCTGATTGTTGGAGTGACATCACTGGGTCTGCTGATGTTAGGACTGGTG
 AACTGCATCATCTGGTGCAGAGGAAAAGAAGCCCTCTGCCTACAAAGAGATGCCAAGGTGCCTCATG
 TGCTGATGAGAAATCCCAGGATGCAGTAGGCCTTGAGCAGCAGCACCTGTTGACCACAGCACCCAGTTC
 CAGCAGCAGCTCCCTAGAGAGCTCAGCCAGCGCTGGGGACCGAAGGGCGCCCTGGGGGCCATCCCCAA
 GCAAGAGTCATGGCGGAGGCCAAGGTTTCAGGAGGCCCGTCCAGCTCCAGGATTTAGATTCTTCCC
 ACGGAAGCCACGGGACCCACGTCAACCTCACCTGCATCGTGAACGTCTGTAGCAGCTCTGACCACAGTTC
 TCAGTGTCTTCCCAAGCCAGCGCCACAGTGGGAGACCCAGATGCCAAGCCCTCAGCGTCCCCAAAGGAT
 GAGCAGTCCCCTTCTCTCAGGAGGAGTGTCCGTCTCAGTCCCCGTGTGAGACTACAGAGACACTGCAGA
 GCCATGAGAAGCCCTTGCCCTTGGTGTGCCGGATATGGGCATGAAGCCAGCCAAGCTGGCTGTTTGA
 TCAGATTGCAGTCAAAGTGGCTGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_011610

Insert Size: 1425 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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.
RefSeq:	<u>BC141405</u> , <u>AAI41406</u>
RefSeq Size:	4137 bp
RefSeq ORF:	1425 bp
Locus ID:	21938
UniProt ID:	<u>P25119</u>
Cytogenetics:	4 78.17 cM
Gene Summary:	Receptor with high affinity for TNFSF2/TNF-alpha and approximately 5-fold lower affinity for homotrimeric TNFSF1/lymphotoxin-alpha. The TRAF1/TRAF2 complex recruits the apoptotic suppressors BIRC2 and BIRC3 to TNFRSF1B/TNFR2 (By similarity).[UniProtKB/Swiss-Prot Function]