

Product datasheet for **RR206274**

Tnfrsf1b (NM_130426) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfrsf1b (NM_130426) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tnfrsf1b
Synonyms:	Tnfr2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR206274 representing NM_130426
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCCCGCCGCCCTCTGGTTCGCGCTGGTCTGCGAACTGCAGCTGTGGGCCACCGGGCACACAGTGC
 CCGCCAAGGTTGTCTTGACACCCTACAAGCCAGAACCCTGGGAACCAGTGCCAGATCTCACAGGAGTACTA
 TGACAAGAAGGCTCAGATGTGCTGTCTAAGTGTCCCCCTGGCCAGTATGCAAAAACACTTCTGCAACAAG
 ACTTCAGACACCGTGTGTGCGGACTGTGCGGCAGGCATGTTTACCAGGTCTGGAACCATCTGCATACAT
 GCCTGAGCTGCAGTTCTTCTGTAGTGTGACCAGGTGGAGACCCACAACCTGCCTAAAAACAGAACCG
 AGTGTGTGCTTGAACGCTGACAGTTACTGTGCCTTGAATTGCATTCTGGGAACGTGCGACAGTGCATG
 AAGCTGAGCAAGTGTGGCCCTGGCTTCGGAGTGGCCCGTTCAAGAACCTCAAATGGAACGTGATATGCA
 GTGCCTGTGCCCCAGGACGTTCTGACACCACATCATCCACAGATGTGTGCAGGCCCCACCGCATTTG
 TAGCATCTGGCTATTCCTGGAATGCAAGCACAGATGCAGTCTGTGCATCCGAGTCCCCAACTCCAAGC
 GCTGTTCCAAGGACAATCTACGTATCTCAGCCAGAGCCACAAGATCCCAGCCATGGATCAAGAGCCAG
 GGCTAGCCAAACTCCACACATCCCTGTGTCTTGGGTTCAACCCCATCATTGAACCAAGCATCACGGG
 TGGCATCTCTTCCAATTGGTCTGATCGTTGGACTGACAACTCTGGGTCTGCTGATGTTAGGACTGGCG
 AACTGTTTCATCTGGTGCAGAGGAAAAAGAAGCCCTCTGCCTACAACGAGAAACCATGGTGCCTCATC
 TGCTGATGACAAATCCCAGGATGCAATAGGCCTTGAACAGCAGCACCTATTGACCACAGCACCCAGTTC
 CAGCAGCAGCTCCCTGGAGAGCTCAGCCAGCGCTGGGGACAGGAGAGCGCCCTGGGGTTCATCCCAA
 GCAAGAGTCACAGCGGAGGCCAAGGGTCTCAGGAAGCCTGTGCCGGCTCCAGGAGTTGAGATTCTTCCC
 ATGGCAGCCACGGGACCCATGTCAACGTACCTGCATCGTGAACGTCTGTAGCAGCTCTGACCACGCTC
 TCAGTGTCTTCCCAAGCCAGCACCCAGGTGGGAGACCCAGATGCTAACCTTCAGGGTCTCCAAAGGAT
 GAGCAGTCCCCTTTTCCAGGAGGAGTGTCCCTCTCAGTCCCAGTGGGAGACCAGAGACACTGCAGA
 ACCATGACAAGCCCTTCCCTTGGTGTGCTGATGTGGGTATGAAGCCCAACCAACCAGGCTGGTATGA
 CCAGATTGCTGCAAAAGTGCCTCCAGATTGCTGTCAAAGTGCCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR206274 representing NM_130426
 Red=Cloning site Green=Tags(s)

MAPAALWVALVVELQLWATGHTVPAKVVLTPYKPEPGNQCSIQSEYYDKKAQMCCAACPPGQYAKHFCNK
 TSDTVCADCAAGMFTQVWNHLHTCLSCSSSCSDDQVETHNCTKKQNRVCACNADSYCALKLHSGNCRQCM
 KLSKCGPGFGVARSRTSNGNVICSACAPGTFSDTTSSTDVCRPHRISILAIPGNASTDAVCASESPTPS
 AVPRTIYVSQPEPTRSQPMDQEPGPSQTPHIPVSLGSTPIIEPSITGGISLPIGLIVGLTTLGLLMLGLA
 NCFILVQRKKKPSCLQRETMVPHLPDDKSQDAIGLEQQHLLTAPSSSSSLESSASAGDRRAPPGGHPQ
 ARVTAEAQGSQEACAGSRSSDSSHSHGTHVNVTCIVNVCSSSDHSSQCSQASTTVGDPDANPSGSPKD
 EQVPFSQEECPSSQWETTETLQNHDKPFPLGVPDVGMPKNQPGWYDQIAVKVPPDCCQSA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/ja1270_e08.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shutting:


ACCN: NM_130426

ORF Size: 1422 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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 Size: 2924 bp

RefSeq ORF: 1425 bp

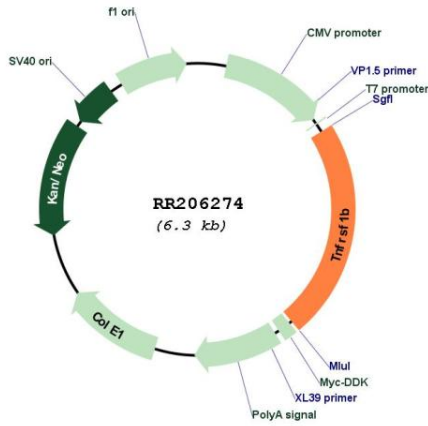
Locus ID: 156767

UniProt ID: [Q80WY6](#)
Cytogenetics: 5q36

MW: 50.1 kDa

Gene Summary: mediates brain uptake of tumor necrosis factor (TNF)-alpha from the circulation [RGD, Feb 2006]

Product images:



Circular map for RR206274