

Product datasheet for **MR225043**

Tnfrsf8 (NM_009401) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfrsf8 (NM_009401) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tnfrsf8
Synonyms:	Cd30; D1S166E; Ki; Ki-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR225043 representing NM_009401
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGCGCCCTACTCACGCAGCGGGTGTCTGTCTCTGGGGATGCTTCAAGCCTCCCAACGGATCGAC
 CACTCAAGACCACCTGTGCCGGAGACCTCAGCCACTACCCAGGGGAGGCTGCCAGGAACTGCTGTTACCA
 GTGCCCTCAGGGTGTCTCCGACACAGCCATGCCACGGGGTCTGCCACTGCAGGAAGCAGTGTGCA
 CCTGACTACTACGTCAATGAAGACGGGAAGTGCACAGCCTGCGTGACCTGTTTGCCAGGCCTTGTGGAGA
 AGGCTCCGTGTTCCGGAACTCTCCTCGAATCTGTGAGTGTGAGCCTGGCATGCACTGCTGCACACCAGC
 AGTCAATTCCTGCGCCCCTGCAAACCTCACTGTTCTGGAGAGGAGTGTCAAGTCTCCAGGCACAGCA
 AAGAAGGACACTATCTGTGAGCTGCCTTCTCGGGATCTGGTCCCAATTGCTCCAATCCGGGTGACC
 GCAAGACACTACTAGCCATGCCACTCCTCAGGCCATGCCTACTCTAGAATCCCCAGCCAATGACAGTGAAG
 GAGCTTGTGCCAATGCGTGTCCCAACCTTGTGCAGGAAGATGCTACTGAGTTGGTGAAGTTCAGAA
 TCTTCTCGTCCAAGGAAGGGAGCCAGTCCAGATCCAGGTAATGCAGAGAAGAATATGACCTTGGAGC
 TTCCATCTCCAGGGACACTCCCTGACATCAGCACCTCAGAAAACAGCAAGGAGCCTGCAAGTACCGCCTC
 CACCCTAAGCCTTGTGGTAGATGCCTGGACCAGCAGCAGGATGCAGCCCACCTCTCCATTGTCCACGGGA
 ACACCATTTCTGGATCCAGGGCCCGTCTTCTGGGTGGCCATGGTGGTGTACTGGTTGGCTCCGGCT
 CCTTCTCCTGTGTTACTGGAAGCCTGTAGGAGGCGGTTCCAGCAGAAGTTTACCTGGACTACCTAGT
 GCAGACCTCCAGCCCAAGATGGAGCAGACAGATTCTGTCTACTGAAAAGCTAACCCAGCCACAGAGA
 AGCGGGTCGGTGACAGATCCAGCACGGGACACAAGTTGAGCCCAGTGAAGCCTCCTCCAGCTGTAGAGA
 CTTGTGCCAGTGTGGGGCCACCTACTGGAGAACCTGCCGCTGCTGGATGACAGCCCAGTGGGAATCC
 TTTTTCTCCAGGAACCTCCAGAGCCCGGGTATCCACGGAACACACCAATAACAGGATTGAGAAAATC
 TACATCATGAAGGCCGACACAGTGATCGTGGGCTCTGTAAAAACTGAAGTCCCTGAGGGCCGGGCTCCAG
 CAGGGTCTACAGAGTCTGAGTTGGAAGCTGAACTAGAAGTGGACCATGCCCCCATACCCGGAGCAGGA
 GACAGAACCACCTCTGGGAGCTGCACTGAGGTGATGTTCTCGGTGGAGGAAGGAGGAAAAGAGGACCAT
 GGGCCACGACTGTCTCTGAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR225043 representing NM_009401
 Red=Cloning site Green=Tags(s)

MSALLTAAGLLFLGMLQAFPTDRPLKTTACAGDL SHYPGEAARNCCYQCP SGLSPTQPCPRGPAHCRKQCA
 PDYYVNEDGKCTACVTCLPGLVEKAPCSGNSPRICECQPMHCCTPAVN SCARCKLHCSGEEVVKSPGTA
 KKDTICELPSSSGPNCSNPGRKTLTSHATPQAMPTLESPANDSARSLLPMRVN L VQEDATELVK VPE
 SSSSKAREPSPDPGNAEKNMTLELPSPGTL PDI STSENSKEPASTASTLSLVVDAWTSSRMQPTSPLSTG
 TPFLDPGPVLFWVAMVLLVSGSFLLCYWKACRRRFQQKFHLDYLVQTFQPKMEQTDSCPTKLTQPQR
 SGSVTD PSTGHKLSPVSPPAVETCASVGATYLENLPLLDSPAGNPFSPREPPEPRVSTEHTNRIEKI
 YIMKADTVIVGSVKTEVPEGRAPAGSTESELEAELEVDHAPHYPEQETEPPLGSCTEVMFSVEEGKEDH
 GPTTVSEK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9016_d12.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_009401

ORF Size: 1494 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](#)

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

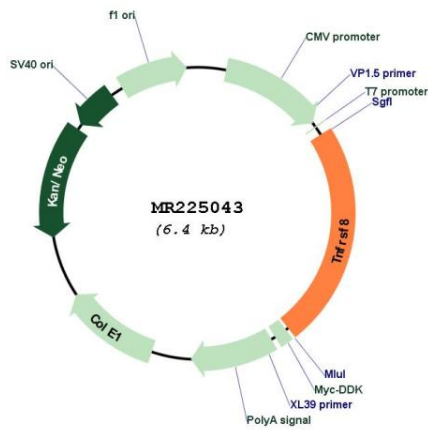
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- 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: [NM_009401.3](#)
 RefSeq Size: 1575 bp
 RefSeq ORF: 1497 bp
 Locus ID: 21941
 UniProt ID: [Q60846](#)
 Cytogenetics: 4 78.17 cM
 MW: 53.7 kDa

Gene Summary: Receptor for TNFSF8/CD30L (PubMed:8543792). May play a role in the regulation of cellular growth and transformation of activated lymphoblasts. Regulates gene expression through activation of NF-kappa-B (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225043