

Product datasheet for **MR224020**

Trim43c (NM_001177858) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim43c (NM_001177858) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trim43c
Synonyms:	EG666731; Trim43
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR224020 representing NM_001177858
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAATCAGACAATTTACAAGACCCTCAGGAGGAAACACTCACCTGCTCCATCTGCCAGGGTATCTTTA
 TGGATCCAGTTTATTTAAGGTGTGGCCATAAGTTCTGCGAGACATGTCTTACTTTTTCAAGAAGACAT
 CAAATTTCTGCCTACTGCCCCAGTGTAGGCAACCATGCAACCAGAGATATATAAATGACATTTCTCTG
 AAGAAGCAGGTGTTTATTGTGAGAAAGAAAAGGCTCATGGAATATCTGAATTCTGAGGAGCACAAGTGTG
 TGACCCACAAGGCGAAAAAGATGATCTTCTGTGATAAGAGCAAGATCCTCCTCTGCACCTGTGTTCTGA
 CTCCCAGGAGCACAGCGGTCACACACACTGTTCCATTGATGTAGCTGTTCCAGGAGAAAATGGAGGAACTT
 CTAAGGCACATGGACTCATTATGGCAGAGGCTCAAATCCAGCAGAATTATGTAGAAAAAGAGAGGAGAA
 TGACCTTGTGGTGGTGAAGTCCGTGAAGCTACGGGAGGAAGTATCAAGAGAGTGTATGGAAAACAATG
 TCCACCCCTCAGTGAAGAAAGGGATCAACACATAGAGTGTGAGACATCAAAGCAACACTACTTTAGAG
 GAGCTCAGGAAAAGTGAAGCTACGATAGTCCACGAGAGAAAATCAACTAACAGAGGTGTATCAGGAGCTGA
 TGACAATGTCCCAGAGGCCATACCAGGAGCTGCTGGTGCAGGACTTGGATGACTTGTTCAGAAGGAGTAA
 GCTAGCGGCAAAGGTGGACATGCCACAGGGTATGATACCAAGACTCCGTGCCATTCCATTCTGGGCTG
 ACTGCAAGGCTCAACTCCTTCCGAGTGAAGATTCCTTTAAACATTCAATCATGTTCCGGCTACAACCTCAG
 TCAGACCTTTTGATATCAGACTTCTCCATGAAAGCACATCTCTGGATTACGCTAAAACCCATCGTGTTC
 CTGGGGAAAAAGAGCTTCTCCAGGGGAAAATACTACTGGGAGGTGGATTGAAGGACTATAGGCGGTGG
 ACTGTAGGAGTCTGTAAGGATCCCTGGTTAAGGGGAGAAGCTATGTGGTGACACCCACAGATATATTTG
 TCTTTGAGTGTGAGAAAACAAGATCATTACATCTCATCACCCGCATAGGACGTGAACACTATATATG
 GAAGCCAGTTGGCCAGGTTGGCGTGTTCCTTGATTGTGAGGGTGGATATGTAAGTTTCGTGGATGTAGCC
 AAGAGTCCCTCATACTCAGCTACTCTCTGGAACCTTCCATTGTGCTGTCAGGCCTTTCTTTTGCTG
 CCTACACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR224020 representing NM_001177858
 Red=Cloning site Green=Tags(s)

MESDNLQDPQEETLTCSICQGFMDPVYLRCGHKFCETCLLLFQEDIKFPAYCPTCRQPCNQRYINDISL
 KKQVFIVRKKRLMEYLNSEEHKVTHKAKKMI FCDKSKILLCHLCSDSQEHSNGTHCSIDVAVQEKMEE
 LKHMSLWQRLKIQQNYVEKERRMTLWLLKSVKLRREEVIKRVYKQCPPLSEERDQHI ECLRHSNTTLE
 ELRKSEATIVHERNQLTEVYQELMTMSQRPYQELLVQDLDDLFRRSKLAAKVDMQGMIPRLRAHSIPGL
 TARLNSFRVKISFKHSIMFGYNSVRPFDIRLLHESTSLDSAKTHRVSWGKKSFSRGGYVWDLKDYRRW
 TVGVCKDPWLRGRSYVVTPTDIFLLECLRNDHYILITRIGREHYIEKPVGVGVFLDCEGGYVSFVDVA
 KSSLILSYSPGTFHCAVRPFFFAAYT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9073_f02.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001177858

ORF Size: 1338 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: [NM_001177858.1](#), [NP_001171329.1](#)

RefSeq Size: 1990 bp

RefSeq ORF: 1341 bp

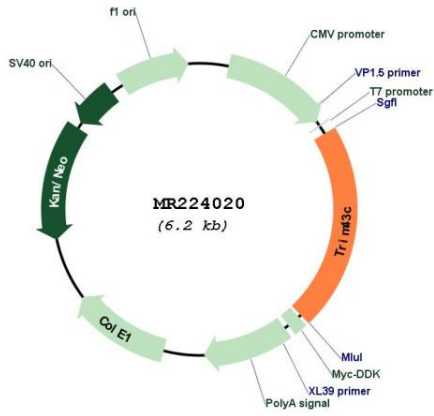
Locus ID: 666731

UniProt ID: [P86449](#)

Cytogenetics: 9 E3.1

MW: 52.5 kDa

Product images:



Circular map for MR224020