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Product datasheet for MC219137

Tmem145 (NM_183311) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem145 (NM_183311) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem145
Synonyms:	B930076A02Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC219137 representing NM_183311
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGCCCTCCCGCGCGCCCGTGCTGCGCCGCCTGCTGCCGCCGCTACTGCTCTTGCTGCTGCCACTGT
ACCCCCGCACCCGGGCCAAGTACGTGCGGGGCAACCTCAGCTCCAAAGAGGATTGGGTGTTCCTGACAAG
ATTTTGTTTCCTTTCGGATTATGGACGACTGGACTTCCGATTCCGATACCCCGAGGCTAAGTGCTGTCAG
AACATCCTCCTCTACTTTGACGACCCATCCCAGTGGCCAGCGGTGTACAAGGCAAGGGACAAGGACTGTT
TGGCCAAGGAGTCGGTGATCAGGCCAGAGAACAACCAGGTCATCAATCTCACCACTCAGTACGCCTGGTC
GGGCTGTCAGGTGGTGTCAGAGGAGGGAACTCGCTACCTGAGCTGCTCCAGTGGCCGCAGCTTCCGTTCT
GTGCGTGAAAGATGGTGGTATATCGCACTCAGCAAGTGTGGGGGAGACGGGCTGCAGTTGGAGTATGAGA
TGGTCCTTACCAACGGCAAGTCTTTCTGGACACGGCACTTCTCAGCTGATGAATTTGGGATTTTGGAGAC
AGATGTGACCTTTCTCCTCATCTTCACCCTTATCTTTGTCCTCTCTTGTTACTTTGGATATTTGCTGAAA
GGCCGTCAGTTACTCCACACAACTTATAAAATGTTCATGGCTGCAGCAGGAGTGGAGGTCCTGAGCCTCC
TGTTTTTCTGCATCTACTGGGGCCAGTATGCCACAGATGGCATTGGCAATGGCAGCGTGAAGATCTTGGC
CAAGCTGCTCTTCTCCTCCAGTTTCCTCATCTTCCTGCTCACACTCATCCTCCTCGGGAAGGGATTCACG
GTGACACGAGGCCGCATCAGCCACTCAGGCTCCGTGAAGTTGTCTGTGTACATGACCCTGTACACCCTCA
CCCACGTGGTGTTGCTCATCTACGAGGCAGAATTCTTTGACCCAGGCCAGGTACTATACACATACGAGTC
TCCGGCTGGTTATGGGCTCATCGGGCTGCAGGTGGCTGCCTATGTGTGGTTCTGCTATGCTGTGCTGGTC
TCCCTTCGGCACTATCCAGAGAAGCAGCCCTTTTATGTGCCCTTCTTTGCTGCCTATACTCTCTGGTTCT
TCGCTGTCCCCGTCATGGCTCTGATCGCCAATTTTGGGATCCCAAAGTGGGCCCGAGAGAAGATAGTCAA
CGGTATCCAGCTGGGGATCCACCTCTATGCCCATGGCGTGTTTCTGATCATGACCCGCCCATCGGCGGCC
AACAAGAACTTTCCGTACCACGTGCGAACTTCACAGATCGCCTCCGCTGGGGTCCCTGGACCTGGAGGGA
GCCAATCAGCAGATAAAGCCTTCCCGCAGCACGTCTATGGAAACGTGACGTTCATCAGCGACTCGGTGCC
CAACTTCACGGAGCTCTTCTCCATCCCCCCGCCAACCTCCTCTGCCGGGAAGCAGGTGGAGGAGACAGCG
GTGGCGGCGGCGGTGGCCCCGAGGGGCCGTGTGGTGACCATGGCCGAACCCGGCGCAGCCTCCCCGCCCC
CACCCGCTCGGTTCTCCAAGGCGGTCGACTCGGGCTGGGATGGCCCGACGCCGTCCTACCAGCCGCTTGT
GCCCCAGACGGCGGCGCCGCACACCGGCTTCACCGAATACTTCAGCATGCACACAGCCGGGGGCCCTGCA
CCCCCGGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_183311

Insert Size: 1692 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).

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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_183311.2, NP_899134.2
RefSeq Size:	2298 bp
RefSeq ORF:	1692 bp
Locus ID:	330485
UniProt ID:	Q8C4U2
Cytogenetics:	7 A3

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