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Product datasheet for RR213179

Tmem208 (NM_001106179) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem208 (NM_001106179) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tmem208
Synonyms:	Hspc171; RGD1560953
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

```
>RR213179 representing NM_001106179
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGCCCAAAGGCAAAGTGGGTACAAGAGGGAAGAAGCAGATATTTGAAGAGAACAAAGAAACTCTCA
AGTTTTACCTTCGGATCATTCTGGGAGCCAATGCCATCTACTGCCTTGTGACCTTGGCTTTCTTCTATTC
ATCTGCCTCATTCTGGGCCTGGATGGCCCTGGCCTTCAGCTTGGCCGTGTACGGGGCCAGCTACCACTCT
ATGAGCTCAATGGCTCGGGCATCCTTCTCTGAGGACGGGTCCTTGGTGGACGGTGGCATGGACCTCAACA
TGGAGCAGGGCATGGCAGAGCACCTTAAGGATGTGATCCTACTGACAGCCATTGTTCAGGTGCTCAGCTG
TCTCTCCCTCTACATCTGGTCCTTCTGGCTTCTGGCTCCAGGCCGGGCCCTTTACCTCTTGTGGGTAAAC
GTGCTGGGCCCCTGGTTCGCAGCAGACAGTGGAGCCCCAGCACCAGAGCTCAATGAAAAACGACAACGCC
GACAGGAACGGCGCCAGATGAAAAGGTTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
```

Protein Sequence:

```
>RR213179 representing NM_001106179
Red=Cloning site Green=Tags(s)

MAPKGKVGTRGKKQIFEENKETLKFYLRIILGANAIYCLVTLAFFYSSASFWAWMALAFSLAVYGASYHS
MSSMARASFSEDGSLVDGGMDLNMEQGMAEHLKDVILLTAIVQVLSCLSLYIWSFWLLAPGRALYLLWVN
VLGPWFAADSGAPAPELNEKRQRRQERRQMKRL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV
```

Restriction Sites: SgfI-MluI

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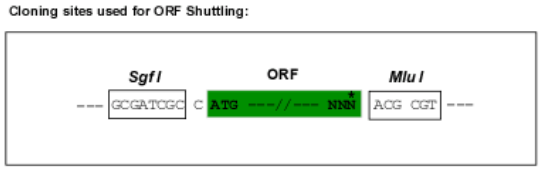
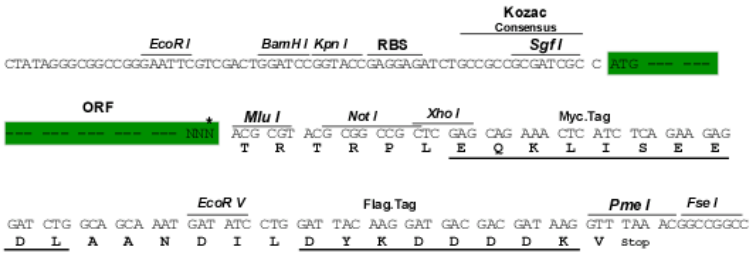
Cloning Scheme:





* The last codon before the Stop codon of the ORF

ACCN: NM_001106179

ORF Size: 519 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_001106179.1, NP_001099649.1

RefSeq Size: 798 bp

RefSeq ORF: 522 bp

Locus ID: 291963

Cytogenetics: 19q11

MW: 19.5 kDa

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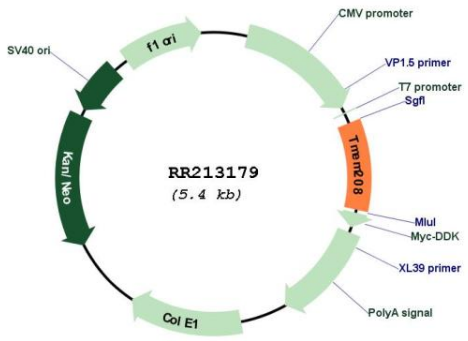
Product images:



Circular map for RR213179

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