

## Product datasheet for RR216587

### Tmem184b (NM\_001173370) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem184b (NM_001173370) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tmem184b
Synonyms:	RGD1306591
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR216587 representing NM_001173370 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGACAGTGAGGGGGGCTGCGCTGGCCCCAGCCAGCATCACCCACAACCACAGCAGCTTCACCTAGTG  
TCTCTGCCACCCCGAGGGCAGTCCCACAGCCATGGAGCACCCCGTGTCTCTGATGACCACTGCCGCCA  
GGCCACCTCCGGTCTTTGTGTGGACAGCTCTACTCATCCTGCCACCAGATCTACATGCATCTGCGC  
TGCTACAGCCGCCCAACGAGCAGCGACACATTGTGCGCATCCTTTCATCGTACCCATCTACGCCCTCG  
ACTCCTGGCTCAGCCTCCTCTTTTTACCAACGACCAGTACTATGTGTACTTCGGCACTGTCGGTACTG  
CTATGAGGCCCTTGTCACTATAAATTCCTGAGCCTGTGCTATGAGTACCTTGGGGGAGAGAGCGCCATC  
ATGTCCGAGATCAGAGGGAAGGCCATCGAGTCCAGCTGTATGTATGGCACATGCTGCCTCTGGGAAAGA  
CTTATTCATCGGATTCCTGCGGTTCTGTAACAGGCTACCCTGCAGTTTTGTGTGGTGAAGCCACTCAT  
GGCCGTACGACTGTTATACTCCAGGCCCTTGGCAAGTACCGGGACGGGGACTTTGATGTCACCAGTGGA  
TACCTCTACGTGACCATCATCTACAACATCTCCGTCAGCCTGGCCCTTACGCCCTCTTCTCTTACT  
TCGCCACACGGGAGCTGCTCAGTCCCTACAGCCAGTCCCTAAGTCTTTCATGGTCAAGTCCGTCATCTT  
TCTCTCCTTCTGGCAAGGCATGCTACTGGCCATCTTAGAGAAGTGTGGGGCCATCCCAAGATCAACTCA  
GCCCGTGTGTCAGTGGGCGAGGGCACTGTGGCTGCCGGCTACCAGGACTTCATCATCTGTATTGAGATGT  
TCTTCGACGCTTGGCCCTGCGCCATGCCTTACCTACAAGGTCTACGCTGACAAGAGACTGGACGCTCA  
AGGCCGCTGCGCCCCATGAAGAGCATCTCCAGCAGCCTCAAAGAGACTATGAACCCACACGACATTGTG  
CAGGATGCCATCCACAATTCTCACCTGCCTACCAGCAGTACACGCAGCAGTCCACTCTGGAGCCTGGGC  
CCACCTGGCGTGGTGGCACCCATAGCCTTCCCGGTCCCACAGCCTTAGTGGTGCACGTGACAATGAAAA  
GACTCTGTGCTCAGCTCTGATGATGAGTTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >RR216587 representing NM\_001173370  
Red=Cloning site Green=Tags(s)

MTVRGAALAPDPASPTTTAASPSVSATPEGSPTAMEHPVFLMTTAAQATSGFFVWTALLITCHQIYMHLR  
 CYSRPNEQRHIVRILFIVPIYAFDSWLSLLFFTNDQYVYVGTVRDCYEAFVIYNFLSLCYEYLGGESAI  
 MSEIRGKAIESSCMYGTCCCLWGKTYSIGFLRFCKQATLQFCVVKPLMAVSTVILQAFGKYRQDGFVDTSG  
 YLYVTIIYINISVSLALYALFLFYFATRELLSPYSPVLKFFMVKSVIFLSFWQGMLLAILEKCGAIPKINS  
 ARVSVGEGTVAAGYQDFIICIEMFFAALALRHAFTYKYVYADKRLDAQGRCAPMKSISSSLKETMNPDIIV  
 QDAIHNFSPAYQQYTQQSTLEPGPTWRGGTHLSRSHSLSGARDNEKTLTLLSSDDEF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

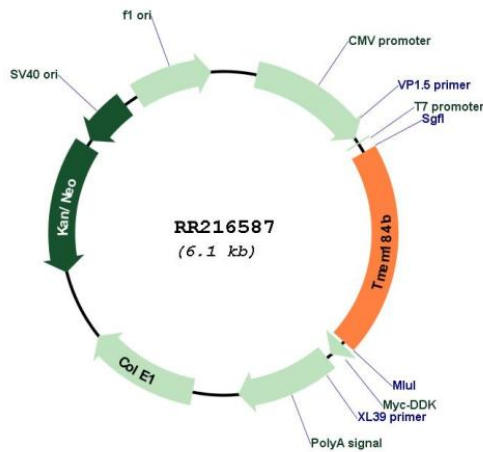
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001173370

<b>ORF Size:</b>	1221 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001173370.1</a> , <a href="#">NP_001166841.1</a>
<b>RefSeq Size:</b>	3324 bp
<b>RefSeq ORF:</b>	1224 bp
<b>Locus ID:</b>	362959
<b>Cytogenetics:</b>	7q34
<b>MW:</b>	45.6 kDa