

Product datasheet for **MG208798**

1300018I17Rik (BC057621) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	1300018I17Rik (BC057621) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	1300018I17Rik
Synonyms:	5DOS1; 1300018I17Rik; 2410004N05Rik; Vsp9d1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG208798 representing BC057621
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCGCTGCGGCCGGGACGGCGGGGCGAAGCCACTGCAGAGCGCCATGAAACTGGCCAAACAAGGCCA
 TCGAGCTAGACACCGGCAACCGGCCCGGGAAGGTACGTGGAATACCTGCGCAGCATCCACTACATCTC
 CCAGGTATTGCTCGAAGACGTGAAAACTACAGAAGCTGGGAAACTGTGCCCTGAGACCTCAAAG
 ATGCTAAAGCTGGCTGAACAGTGTCTGGAGCGGCCAGTCAACAGCTACCAAGCTTGGGAGAATATGCC
 TGAAGCCAGCCGTACCTGCGGCTCTCCACACCTTGCCAACCAGCAGACACCGCCGAGTGTGTTGAGA
 TGAAGGGGGAAGCTGTCTCTTCTGCCCTGAGATCTCCAGAAGCTGCAGGTGCCAGAATCACAA
 AACTCTAAGAAGGAGCTGACACCACTGGAGAAGGCCTCCCTACAAAACCAGAAGCTGAGGGCCACATATG
 AGGCCCGGATGGCCGTCTGGACCCAGCCAGGCCATGCAGAAGACATCGCTGACCCTGTCTCTACAGCG
 GCAGATGATGGAGAATCTGGTATCGCCAAAGCAAGAGAAGAGACTGCAGCGGAAGATGGAGGAGCGC
 CGCTGCGCCTTCAGGAGGCTGCCAACAGGAGTTCTGCAGTCAAGTTGCTCTGACCCAGAGGAGCGGG
 AGCAGCGAGCCCTCTATGCTGCCATCTTGAGTATGAGCAAGACCATGACTGGCCAAAACACTGGAGAGC
 CAAGCTCAAGCGGAGTCCAGGAGACCTGTGCTAGTGACCAGCCTGCTCTCCACTTGCTCAGCCTTCT
 GATCACCAATCTCCAGCTCTGAAGAAGCTGCAGTGTGCGGTATACAGTGCCTGTATCCGATTGTGA
 GCCGGGCTGCCACCAGTCCCGCGCTGCCCCAGGCAGTGTCTCCCTGCCCCAGAAGCCAACGGCCTCT
 GGCCCTGGGAGCCGTCGACTTCGGTCTCCAGAGCCTCTACTGCATGCTTCCCTCCGAGCCAGT
 GCAGCCCCACGAGTGTGGATGGACCTCTCCACGCCCTGTGCCCCACACTCCACTCAGGCCCTTGG
 ACAGAGGCGCAGACGCCAGCCAGCGCCCTCCTCACCCCTAGTAGATGCTTTATCCCACTGCCAGA
 CAAGGACAGCTCCTTTGAGGATCTGGAACAGTTTTTGGCTATGTCTGAGCCTCAGACCCAGGAGCAAAG
 AGGGAACCTTGTGGAGTGTCTGAAGGACAGTCAAGGACATTCAATGCCATTGATAGACTGCTCT
 CGCTGACCCTTTTGGCCTTGAAGGCTGAACACAGCCACCTCCAAAGACCGCTGCTGGCCTGCATCGA
 GGAGCCCTTCTTCCCACTGTGGCCCTGCTGCTGGCCCTCTACAGGAGTGTGCACCGTACCCGGGAG
 GCCGCTGAAGCAGGAGCATGGAGCTGTACAGGAACGCACCCCTACAGCCCTAGGCATCCCCACCAAGC
 TCCTCCACGAGTTCCTGAGGCTCAAGCCTCCACCTACCCCTACTGCACTGCAGCCAGGAGCTGGGGCT
 GCTGCTTGGAGAGTGCCTCAGAAGAAGCTCGAGTGCATCGGTGCGGGGATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG208798 representing BC057621
 Red=Cloning site Green=Tags(s)

MAAAGDGGAKPLQSAMKLANKAIELDTGNRPREAYVEYLRSIHYSQVLLLEDVENTTEAGETVPPETSK
 MLKLAEQCLERAQSTATKLGRICLKPAVPAAPPTPLPTRHRRVCSDEGGKLSFPLPPEIFQKLQVAESQ
 NSKKELTPLEKASLQNQKL RATYEARMARLDPSQAMQKTSLSLQRMENLVI AKAREETLQRKMEER
 RLRLQEAANRRFCSQVALTPEEREQRALYAAILEYEQDHDWPKHWRAKLRSPGDL SVTSLLSHLLSLP
 DHPISQLLKKLQCAVYSALYPIVSRAATSAAPAPGSCSLPPEANGLLAPGSRRLRSSQSLYCM LSPSEPS
 AAPRVLDGPPPTPSVPTLHSGPLDREADGSPAGPSSPLVDALSHLPDKDSSFEDLEQFLAMSEPQTPGAK
 REPLLECLKSTVKDIHNAIDRLLSLLAFESLNTATSKDRCLACIEEPFSP L WPLLLALYRSVHRTRE
 AAVSRSMELYRNAPPTALGIPTKLLPRVPEAQASTYPYC TAAQELGLLVLESCPQKKLECIGAGI

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: BC057621

ORF Size: 1667 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: [BC057621](#), [AAH57621](#)

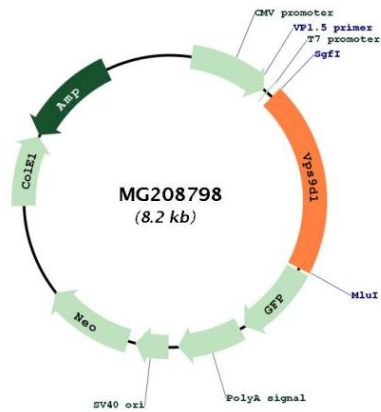
RefSeq Size: 2827 bp

RefSeq ORF: 1667 bp

Locus ID: 72325

Cytogenetics: 8 E1

Product images:



Circular map for MG208798