

Product datasheet for **MR208798**

1300018I17Rik (BC057621) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	1300018I17Rik (BC057621) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	1300018I17Rik
Synonyms:	5DOS1; 1300018I17Rik; 2410004N05Rik; Vsp9d1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208798 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCCGCTGCGGCCGGGACGGCGGGGCGAAGCCACTGCAGAGCGCCATGAAACTGGCCAAACAAGCCA
 TCGAGCTAGACACCGCAACCGGCCCGGGAAGGTACGTGGAATACCTGCGCAGCATCCACTACATCTC
 CCAGGTATTGCTCGAAGACGTGAAAACTACAGAAGCTGGGAAACTGTGCCCTGAGACCTCAAAG
 ATGCTAAAGCTGGCTGAACAGTGTCTGGAGCGGCCAGTCAACAGCTACCAAGCTTGGGAGAATATGCC
 TGAAGCCAGCCGTACCTGCGGCTCTCCACACCTTGCCAACCAGCAGACACCGCCGAGTGTGTTGAGA
 TGAAGGGGGAAGCTGTCTCTTCTGCCCTGAGATCTTCCAGAAGCTGCAGGTGCCAGAATCACAA
 AACTCTAAGAAGGAGCTGACACCACTGGAGAAGGCTCCCTACAAAACCAGAAGCTGAGGGCCACATATG
 AGGCCCGGATGGCCGTCTGGACCCAGCCAGGCCATGCAGAAGACATCGCTGACCCTGTCTCTACAGCG
 GCAGATGATGGAGAATCTGGTATCGCCAAAGCAAGAGAAGAGACTGCAGCGGAAGATGGAGGAGCGC
 CGCTGCGCCTTCAAGGAGCTGCCAACAGGAGTTCTGCAGTCAAGTTGCTCTGACCCAGAGGAGCGGG
 AGCAGCGAGCCCTCTATGCTGCCATCTTGGAGTATGAGCAAGACCATGACTGGCCAAAACACTGGAGAGC
 CAAGCTCAAGCGGAGTCCAGGAGACCTGTGCTAGTGACCAGCCTGCTCTCCACTTGCTCAGCCTTCT
 GATCACCAATCTCCAGCTCTGAAGAAGCTGCAGTGTGCGGTATACAGTGCGTGTATCCGATTGTGA
 GCCGGGCTGCCACCAGTCCCGCCTGCCCCAGGAGCTGCTCCCTGCCCCAGAAGCCAACGGCCTCT
 GGCCCTGGGAGCCGTCGACTTCGGTCTCCAGAGCCTCTACTGCATGCTTCCCTCCGAGCCAGT
 GCAGCCCCACGAGTGTGGATGGACCTCTCCACGCCCTGTGCCCCACACTCCACTCAGGCCCTTGG
 ACAGAGAGGCAGACGCCAGCCAGCGGCCCTCCTCACCCCTAGTAGATGCTTTATCCCACTGCCAGA
 CAAGGACAGCTCCTTTGAGGATCTGGAACAGTTTTGGCTATGTCTGAGCCTCAGACCCAGGAGCAAAG
 AGGGAACCTTGTGGAGTGTCTGAAGACACAGTCAAGGACATTCAAAATGCCATTGATAGACTGCTCT
 CGCTGACCCTTTTGGCTTGAAGAGCTGAACACAGCCACCTCCAAAGACCGCTGCTGCGCTGCATCGA
 GGAGCCCTTCTTCCCACTGTGGCCCTGCTGCTGGCCCTCTACAGGAGTGTGCACCGTACCCGGGAG
 GCCGCTGAAGCAGGAGCATGGAGCTGTACAGGAACGCACCCCTACAGCCCTAGGCATCCCCACCAAGC
 TCCTCCACGAGTTCCTGAGGCTCAAGCCTCCACCTACCCCTACTGCACTGCAGCCAGGAGCTGGGGCT
 GCTGGTCTGGAGAGTGCCTCAGAAGAAGCTCGAGTGCATCGGTGCGGGGATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208798 protein sequence
 Red=Cloning site Green=Tags(s)

MAAAGDGGAKPLQSAMKLANKAIELDTGNRPREAYVEYLRSIHYISQVLLLEDVENTTEAGETVPPETSK
 MLKLAEQCLERAQSTATKLGRICLKPAVPAAPPTPLPTSRHRRVCSDEGGKLSFPLPPEIFQKLQVAESQ
 NSKKELTPLEKASLQNQKLRAITYEARMARLDPSQAMQKTSLSLQRMENLVIKAREETLQRKMEER
 RLRLQEAANRRFCSQVALTPEEREQRALYAAILEYEQDHDWPKHWRKLRSPGDL SVLTSLLSHLLSLP
 DHPISQLLKKLQCAVYSALYPIVSRAATSAAPAGSCLPPEANGLLAPGSRRLRSSQSLYCMSPSEPS
 AAPRVLDGPPPTPSVPTLHSGPLDREADGSPAGSSPLVDALSHLPDKDSSFEDLEQFLAMSEPQTPGAK
 REPLLECLKSTVKDIHNAIDRLLSLLAFESLNTATSKDRCLACIEEPFFSPLWPLLLALYRSVHRTRE
 AAVSRMELYRNAPPTALGIPTKLLPRVPEAQASTYPYCTAAQELGLLVLESCPQKLECI GAGI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: BC057621

ORF Size: 1665 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

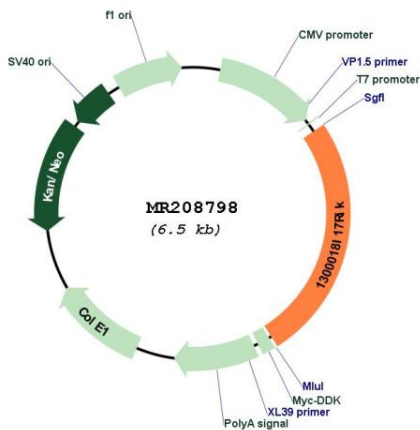
RefSeq ORF: 1667 bp

Locus ID: 72325

Cytogenetics: 8 E1

MW: 60.9 kDa

Product images:



Circular map for MR208798