

Product datasheet for MR212526

1700018B08Rik (NM_029597) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	1700018B08Rik (NM_029597) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	1700018B08Rik
Synonyms:	1700084O22Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR212526 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCAGGAGCAGGCCTTCAGGCATGGCTGTATCCAGGAAGGGTTCGTTTCAGACCTTTGGAAAGGATGT
GTGCATCACGGGTGTCCTCCGGCCTCCGACTGTTCCCCAGGAGTATGCGTGTGCAATGCTACACCAA
GTTTGGGGCCACCTGCCTGTGCCCGGGCTGATGCACTGCTGCCCTACTGGGTGCCTTTGTCCCTGAGA
CCACGAAAGCAGGTCTCGAAGATGATGCGGTGTTACATCCCAGAGCCATGAAGTCTGCCGGTGTCTCT
GCCACTGCTTTGGGGCCGCCTCCGATGCCAGGACAGGGCTGTCATGCCCTACTGGGTGCCCCAGGG
GCTGAGGTCACAGAAGAAGGTGTTGAAGAGGCTGGAGAATGTGGAAGACACTCCAGGTCGCCCCAGGAC
TCAAGCAGATGGTATGGCTGCTGGCGGGTCTGTGGGAACCAACATCTCCTCCTCAAGTGGCAGCAGCTCC
AGGCCCTTATCAAGATGAGCTGCCAGGTCTTCAGGAGGACGAGCCGCATGCTGGCCGCTTAGGCCCTCT
CCCCATCAGCTTCAATCTCCTGAGCCTGCTGCAGGCAGTCTGAGGGCCATCATAGCCATTTGTCATTTG
TTCTGGGAC

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR212526 protein sequence
Red=Cloning site Green=Tags(s)

MSGAGLQAWLYPGRVFRPLERMCSRVSGLRTVPQEYACCQCYTKFGGHLVPVRADALLPYWVPLSLR
 PRKQVSKMMRCYIPRAMKSCRCSCHCFGGRLPMPDRDRAVMPYWPQGLRSQKKVLKRLNVEDTPGRPQD
 SSRWYGCWRVCGNQHL L L L K W Q L Q A L Y Q D E L P G L Q E D E P H A G R L G L L P I S F N L L S L L Q A V L R A I I A I C H L
 FWD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_029597

ORF Size: 642 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_029597.2](#)

RefSeq Size: 1080 bp

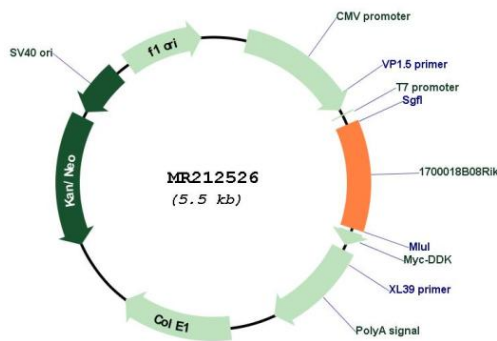
RefSeq ORF: 642 bp

Locus ID: 76405

Cytogenetics: 8 E1

MW: 24.5 kDa

Product images:



Circular map for MR212526