

Product datasheet for **MR229540**

Gm11237 (NM_001277575) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gm11237 (NM_001277575) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Gm11237
Synonyms: Gm11236; OTTMUSG00000000280; OTTMUSG00000000281
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR229540 representing NM_001277575
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAATCTCACCGATTACCACGTCCAGCTACAGTATGAGAGAGAAGATAACCGAGTCCAAAGTGTGAGAA
ATGACAAAGAAGCCAATAGGAGGAGGAGGCTGAGGCAAGAAGGCCAAAGTTCCTCAGTCCGTGTGATAG
CCCGTGGACTGAGGATGAAATCTGGATCTTGCTGCAAGAGTGGGCAATGTTGAATATGAACTCGGAGAG
CCAGGCAATAAGATGCATGCGAAGGCCAAGTCCCTTAGCAGACGCTCTCTAATCGGGTCTGAGGAAGA
GCAAGAATAGCTGCCTTGATGTGATGGTGAAGATGAAGGACCTGCACACACGCTCTTTGTAACGAGAGGCC
CCGGGCTTACCGCTTGTATTGACTTATGAATGGATCCTGTACGAGATCTTGGGCCACCCAGATCCCGAG
GGAGGCTATGTGCCAGGTCTTGGTTTGTATGGGCACGGTAACCCACCAGCTTCTATGCACCTTCCCTCT
GCATTGATGGTGCCATCTCTTAGGCCCTTCTTAGCCCATGGACCGACCCTGAAATCAAGATCTTCTCT
GCAGGAGTGGCAAGTGGTTGAACGGGAATTTGGCCACCCAGGCCAGAAGATCAAGCAGAAGAGCAGTCTT
GTTTGGCAGCGTCTCTATCATCGAGGCCGTGTTCAAGGACATCAAAGCTGTTTGGACCTGATGGACCA
TGAAGGATCTGCACTCCACTCTCAGTAGAGAGAGATCAAGGACTGTACCCTTGTCTCTCTTATAGAGA
TTATCTGAAAGGATCTTCGACCCCAAATGTCAGAGAGGCCATGTTCCAGGTGTTTCAAGTATAATTGGTCT
GGTTACCACAGGCCCTTCTCAAACCTCAAACCTCAAATGGTATGCCATCTCCTGTATACCAGCCTTGGG
ATTATGGCATGGCTGCATCTTCTGGTCAGCTTCCCTGGATCCCATTACTAATCATGTCCAGTCAGGACTT
ACTGGTCCCAGATGGGATGCCTGGAATGCCACCTATCCATTGCCAGTTCAACATGTATTTCCAGGCCTCT
CTCCCTGGAGACAACAACCTTTCAGCTGCCGTGGTACCTCGTGATGAGAGCTCAAGTCTCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAAGTTTAA



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Protein Sequence: >MR229540 representing NM_001277575
Red=Cloning site Green=Tags(s)

MNLTDYHVQLQYEREDNRVQSVRNDKEANRRRRLRQEGQSSSGPCDSPWTEDEIWILLQEWAMVEYELGD
 PGNKMHAKAKSLSRRLSNRGLRKSNSCLDMVMKMKDLHTRL CNERPRAYRLYSTYEWILYEILGHPRSQ
 GGYVPGPWFDDHGNPPASYAPSLCIDGAI SLGPSFSPWTDPEIKIFLQEWQVVEREFGHPGQKIKQKSSL
 VCQRLYHRGLFKDIQSCLDLMWTMKDLHSTLSRERSRTVPLFSPYRDYLERIFDPKCQRGHVPGVQYNWS
 GYHRPSSNPQTPMVMPSPVYQPWDYGMAASSGQLPWIPLLLIMSSQDLLVPRWDANNATYPLPVQHVFAQS
 LPGDNNFQLPWSRDESSSPQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

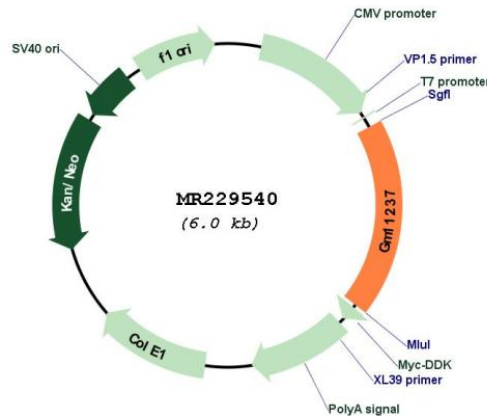
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001277575

ORF Size:	1113 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:	<ol style="list-style-type: none">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_001277575.2
RefSeq Size:	1240 bp
RefSeq ORF:	1116 bp
Locus ID:	623197
Cytogenetics:	4 C3
MW:	43.5 kDa
Gene Summary:	This gene belongs to a family of related genes tandemly arranged in two clusters on chromosome 4. This family, which appears to be mouse-specific and composed of multiple highly similar members, is supported by limited transcript data. Members of the family maintain an intact open reading frame although the encoded protein has no known function. This gene is inferred from alignment of paralogous transcripts. [provided by RefSeq, Apr 2013]