

Product datasheet for **MR202908**

1700029H14Rik (NM_025601) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	1700029H14Rik (NM_025601) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	1700029H14Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202908 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGAAGGACCCCGCCGCGCACAGGAAGCACCGGCCTGGGCCTGGCGCCTGCCCTCAGGAATAACCC
CTGCATACCTCAAGGCCGCCAGTGACGGGGCGAACTCCAGAGGAGCAGGAGTGTGGGTGGCTTGCACCA
GAAGGGGGATCCACCAGTCTGCATCAGGAAGCTGCTACGCAAGGAGCTAGACTCTGAGGACCAAGGCAAA
GACCCAAGAAGTGACACGGATGACGGCACCTATCGGGTGAGCCTAGAGGACGACAGGAAGAAAGGGAGCC
AGGATGAGGTGGAAAAAATGGACCTCAAGTGTGCAAAAAATGGACCCAGAGAAGAGTGACTCAGAGGCCAG
TGCCACAGGGGAGCAGGACGATGCCTGCAAAGGACGATGTATCTCTGCGGCTGAGGAGCAGCATTCTGAG
TCCACGAAGCTGGATCACCTTCTAGAAAAGCAGAAACCATCTGTGTTTGTGGAGATCGACCTGGGAGACC
ATACTGAGGAGGAGTCACTACCTGTGCCATCAAAGAAGAGAAGAGGCTCCCAACATAGGAGACTTGTCT
TGAAGATGAGATAAGGACCAGCTGGGTATGCTGCATCCCGTACCACACAAAGAAGGCAAGGAAAAAC
TCCAGTGTCTTGGAGAAGAACCATCAGTCATCTCAGGACAAGACCCCTCTGACTCAGCCGCTAGTAGAGC
TCTCTGGGGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR202908 protein sequence
Red=Cloning site Green=Tags(s)

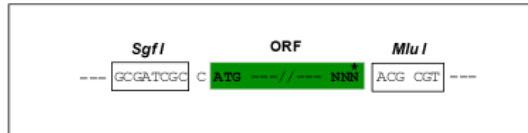
MEKDPAHRKHRPGGALPSGITPAYLKAASDGAELQRSRSVGGHLHQGDPPVCIRKLLRKELDSEDQGK
 DPRSDTDDGTYRVSLEDDRKKGSDVEVEKMDLKCAKMDPEKSDSEASATGEQDDACKGRCSAAEEQHSE
 STKLDHLLKQKPSVFVEIDLGDHTEEEVITCAIKEEKRLPNIGDLESEDIRTSWVCCIPYHTKKKAKEN
 SSALEKNHQSSQDKTPLTQPLVELSGD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_025601

ORF Size: 714 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_025601.3](#), [NP_079877.1](#)

RefSeq Size: 1343 bp

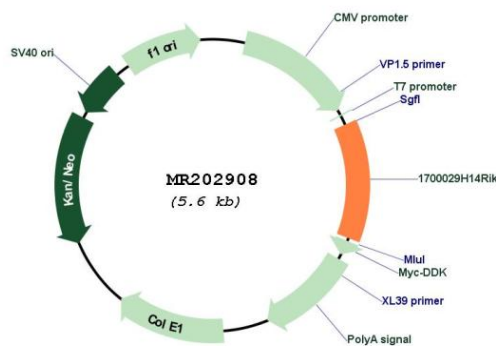
RefSeq ORF: 714 bp

Locus ID: 66501

Cytogenetics: 8 A1.1

MW: 26.2 kDa

Product images:



Circular map for MR202908