

Product datasheet for **MR212689**

Cd209f (NM_026956) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd209f (NM_026956) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cd209f
Synonyms: 1810029C22Rik; AI647041; SIGNR8
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR212689 representing NM_026956
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGGAGAGCCAGAGTTCCATCAGTCAAAGAATCATGAGGAGGAGGTCACATCTGGAGAGCAGGGAT
TTGCTGAGCATGACCCCGAGGGTCTCATTTGCAGCTCCAAGAGTTTACAAGGGCATCTGACCCAAGTCCC
CTGGCTTCTGCTGCTTCTCATCTCTTTGGGCTCTTTTGGCTTATGTTGGCCACCCTGGTTCAAGTCTCC
AGGATTCGTGCATACTCACAGGGACAGACCCAGGATCAGCAGGGTAGCTCCAGCTTGACAAGGTTGCCG
TTCTCTGGGAGCAGACACTCCGGCTTGGAGCAGATCCAGCAGATTCAGCAGCAGCTGACTCAGTTCAA
CGCTCGCTGGCTGGCCTGTGCCGGCCCTGTCCCTGGGACTGGGAGCTTCCAGGGAAGCTGCTACCTC
TTCTCCAGAACCCTGGGCAGCTGGGAAACCTCTGCCTCCTCTCGGAGGATCTCGGGGCCACCTGGTGA
TTGTCAACAGTGTTCAGAGCAGAGATTCATGAAATATTGGAATGTGAGGAAAAACCAACGCTCCTGGAT
CGGCCTCAGTGACCATATACATGAAGTTTCTGGCAGTGGGTGGACGGCAGCGCCCTCAAGTTCAGCTTT
TGGAAAGAGGGGAAACCTAACAAATGACGGAGATGAGGACTGCGTGGAGCTGTTTCATGGATGATTGGAATG
ATAATAAGTGCCTGAACAGAACCTTTGGGTCTGTGAGCAGCCCTCTGCTCCCTGCCCTCATCAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR212689 representing NM_026956
Red=Cloning site Green=Tags(s)

MAGEPEFHQSKNHHEEVTSGEQGFAEHDPEGLICSSKSLQGHLTQVPWLLLLLISLGLFLLMLATLVQVS
 RIRAYSQGTQDQQGSSSLDKVAVPREQTHSGLEIQIQQIQQQLTQFNASLAGLRCRCPWDWELFQGSCYL
 FSRTLGSWETSASSCEDLGAHLVIVNSVSEQRFMKYWNVRKNQRSWIGLSDHIHEGSWQWVDGSALKFSF
 WKEGEPNNDGDEDCVELFMDDWNDNKCTEQNFVWCEQPSAPCPHH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9078_b08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_026956

ORF Size: 765 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_026956.2](#), [NP_081232.2](#)

RefSeq Size: 1109 bp

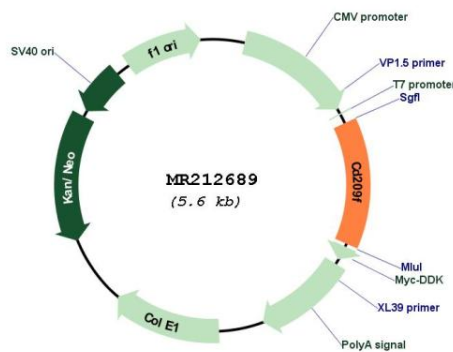
RefSeq ORF: 768 bp

Locus ID: 69142

Cytogenetics: 8 A1.1

MW: 29 kDa

Product images:



Circular map for MR212689