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Product datasheet for MR203214

Ado (NM_001005419) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ado (NM_001005419) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ado
Synonyms:	Gm237
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>MR203214 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCTCCCTGATCCAGCGCATCGCTCGCCAGGCGTGTCTCACCTTCCGCGGCAGCTCGACGGGCTCCG
AAGGGCCGGCGCCGGGCTTCCCGGAGAACCTGAGCCTGCTCAAGAGCCTGCTGACCCAGGTGCGCGCCGA
GGACCTCAACATCGCGCCGCGCAAGGCGCTGCCGCAGCCGCTGCCCCGCAACCTCCCGCCGGTCACCTAC
ATGCACATCTACGAGACGGAGGGCTTCAGCCTGGGCGTGTTCCTGCTCAAGAGCGGCACGTGCATCCCGC
TGCACGACCACCCGGGCATGCACGGTATGCTCAAGGTGCTGTACGGCACGGTCCGCATCAGCTGCATGGA
CAAGCTGGACACGGGGGCCGGGCATCGGCGGCCGCCGCCAGAGCAGCAGTTCGAGCCCCCGCTGCAGCCC
TTGGAGCGGGAGGCCGTGCGACCGGGCGTGCTGCGTTCCCGGGCCGAGTACACCGAGGCCAGTGGGCCCT
GCGTGCTCACTCCACACCGGGACAACCTGCACCAGATTGATGCCGTGGACGGGCCAGCTGCCTTCCTGGA
CATCCTGGCCCCACCCTACGACCCGGAGGACGGCCGGGACTGCCACTATTACCGTGTAGTGGAGCCCATC
AGACCCAAGGAGGCTTCCGGCTCTGCCTGCGACCTTCCCCGAGAAGTGTGGCTCCTGGAGACACCACAGG
CCGACGACTTCTGGTGCGAGGGAGAGCCCTATCCAGGCCCCAAGGTCCTACCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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Protein Sequence:

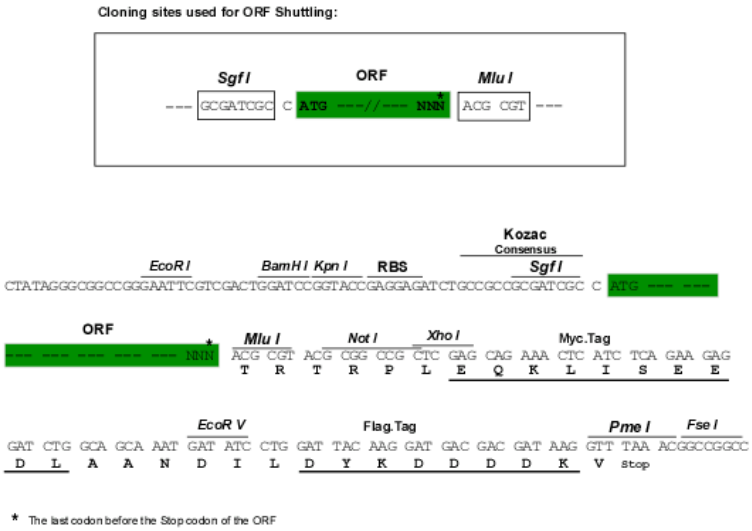
>MR203214 protein sequence
Red=Cloning site Green=Tags(s)

MASLIQRIARQACLTFRGSSTGSEGPAPGFPENLSLLKSLLTQVRAEDLNIAPRKALPQPLPRNLPPVTY
MHIYETEGFSLGVFLLKSGTCIPLHDHPGMHGMLKVLYGTVRISCMDKLDTGAGHRRPPPEQQFEPPLQP
LEREAVRPGVLRSRAEYTEASGPCVLTPHRDNLHQIDAVDGPAAFLDILAPPYDPEDGRDCHYYRVVEPI
RPKEASGSACDLPREVWLLETPQADDFWCEGEPYPGPKVLP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001005419

ORF Size: 756 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_001005419.1, NP_001005419.1

RefSeq Size: 4456 bp

RefSeq ORF: 771 bp

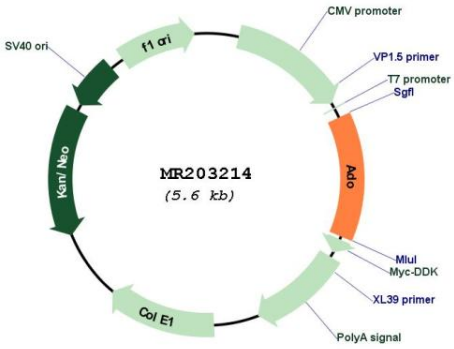
Locus ID: 211488

UniProt ID: Q6PDY2

Cytogenetics: 10 B5.1

MW: 27.8 kDa

Product images:



Circular map for MR203214