

Product datasheet for MR201746

Mrps28 (NM_025434) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mrps28 (NM_025434) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Mrps28
Synonyms: 1500012D08Rik; AW061224
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201746 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCGCTGTGTAGGTCCCACGCCGGGACTGCTGGGAGCCGTTTCTTGAGAGCGCTTGTCTTCTCCA
 AGCCTTTGCGAAATGCAAGCACGGAGAGTGGTCCGAGAGCGCAACCCACGACTCCTCCGCTCCTCGGGC
 GCGTTCAGGCGGCTTCGCGAGCGCTCTGGAGCGACACTGGACTTGCAGCGGAAGCGGAGCTCCGACTG
 GAGTCTCCAAAACCTGTGGAGTCTTCGCCTCCATGCTGAGACACTCTCCACTGACCCAGCTGGGCGCTG
 CCAAGGACAACTGGTCATCGGGCGCATCTCCATATCGTGGAGGACGATCTCTACATAGATTTTGGTGG
 CAAGTTTCACTGTGTGTAAAAGACCAGATGTGGATGGCGAGAAATACCAGAGGGGCACCAAGGGTCCGG
 CTGCGTCTCCTGGATCTTGAGCTGACATCTAGGTTCTGGGTGGGACCACAGATACTAACTACTGGAGG
 CTGATGCAGTTCTCTTAGGACTCCAAGAGATCAGGGACTCAAATCAAGAGAGGACAACCCAGCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201746 protein sequence
 Red=Cloning site Green=Tags(s)

MAALCRSHAGTAGSRFLRALVFSKPLRNASTESGSESATHDSSAPRARSGGFASALERHLDLQRKAELRL
 ESPKPVESFASMLRHSPLTQLGPAKDKLVIGRIFHIVEDDLYIDFGGKFHCVCKRPDVGGEKYQRGTRVR
 LRLDLELTSRFLGGTTDTTILEADAVLLGLQEIRDSKSREEQPSK

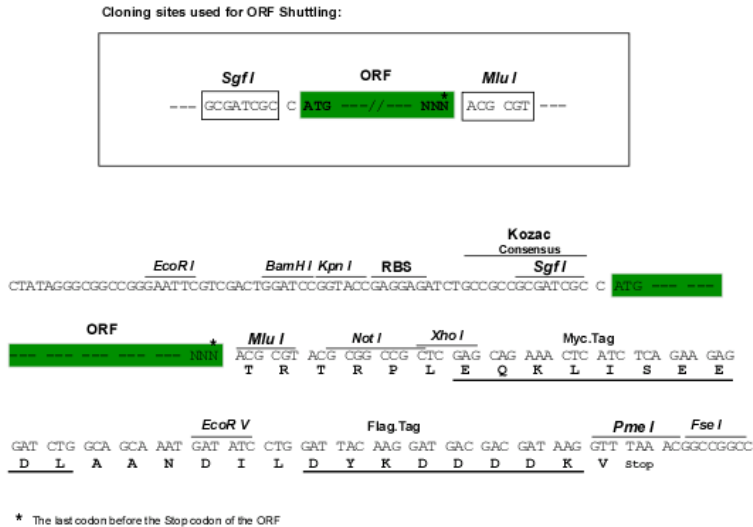
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:



ACCN: NM_025434

ORF Size: 561 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_025434.2](#), [NP_079710.2](#)

RefSeq Size: 738 bp

RefSeq ORF: 561 bp

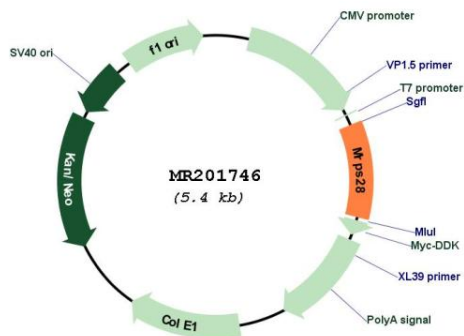
Locus ID: 66230

UniProt ID: [Q9CY16](#)

Cytogenetics: 3 A1

MW: 20.5 kDa

Product images:



Circular map for MR201746