

Product datasheet for MR219976

Rps8 (NM_009098) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Rps8 (NM_009098) Mouse Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Rps8
 Synonyms: MGC107577
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >MR219976 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGCATCTCTCGGGACAACCTGGCACAAGCGCCGCAAGACCGGGGGTAAGCGAAAACCTACCACAAGA
 AGCGAAAGTATGAGCTGGGACGGCCCGCTGCCAACACGAAGATTGGCCCTCGCCGCATACACACAGTCCG
 AGTTCGAGGAGGCAATAAGAAGTACCGTGCCCTGAGATTGGATGTGGGAACTTTTCTGGGGCTCTGAG
 TGTTGTAATCGCAAAACAAGGATCATTGATGTTGTCTACAATGCATCCAACAACGAGCTTGTCCGACCA
 AGACCCTGGTGAAGAAGTGCATCGTCTATTGACAGCACGCCGTACCGACAGTGTACGAGTCCCCTACTA
 TGCACTGCCCTGGGCCGCAAGAAGGGGCCAAGCTGACTCCTGAGGAGGAAGAGATTTAAACAAAAA
 CGATCAAAGAAAATTCAAAAGAAATACGATGAAAGGAAAAAGAATGCCAAAATCAGCAGCCTCTGGAGG
 AGCAGTTCAGCAGGGCAAGCTTCTAGCCTGTATTGCCTCACGACCAGGCCAGTGTGGCAGAGCAGACGG
 CTATGTGCTCGAAGGCAAGGAGCTGGAGTTCTATCTGCGGAAGATCAAAGCCCGAAAGGCCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR219976 protein sequence
 Red=Cloning site Green=Tags(s)

MGISRDNWHKRRKTGGKRKPYHKKRKYELGRPAANTKIGPRRIHTVVRGGNKKYRALRLDVGNSWGSE
 CCTRKTRIIDVVYNASNELVRTKTLVKNCIVLIDSTPYRQWYESHYALPLGRKKGAKLTPEEEEILNKK
 RSKKIQKKYDERKKNAKISSLLEEQFQQGKLLACIASRPGQCGRADGYVLEGELEFYLRKIKARKGK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_009098

ORF Size: 627 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_009098.2](#), [NP_033124.1](#)

RefSeq Size: 740 bp

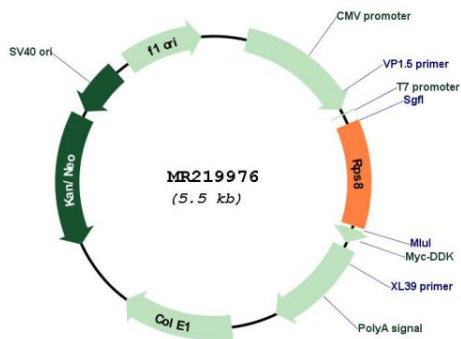
RefSeq ORF: 627 bp

Locus ID: 20116

UniProt ID: [P62242](#)

Cytogenetics: 4 D1
 MW: 24.2 kDa

Product images:



Circular map for MR219976