

Product datasheet for MC204637

Nmrk1 (NM_145497) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Nmrk1 (NM_145497) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Nmrk1 |
| Synonyms: | AA408380; D630020N23Rik; Nr1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >BC016495 GGTAGGCATGAAACGCTCTTGAAGCTTGCCTCGCACCCTGCTGGGAAGGATTGCAACCCGCTTCGGATA TATTAGGAAGGTGTGATTCCAAAGCCAGTTATGAAGAGATTTGTCATTGGAATTTGGTGGTGTGACAAAC GGAGGGAAGACGACACTGGCTAAGAGCTTGCAGAAGCACCTTCCAACTGCAGCGTCATATCTCAGGATG ACTTCTCAAGCCAGAGTCTGAGATAGACATAGATGAAAATGGTTTTTGCAGTATGATGTGCTTGAAGC GCTAAATATGAAAAAATGATGTCAGCAGTTTCTGTTGGATGGAAAACCCAGGAAGCTCTGCGGGACCA GCAGCCTTGAAAAGTGTCAAGGGTCCCATTTAATTATTGAAGGTTTCTTCTTTAATTATAAGC CTCTGGACACCATATGGAACAGAAGTTACTTCTGACCCTCCATATGAAGAATGAAGAGGAGAAGGAG TACCAGAGTATATGAGCCTCCAGACCCTCCAGGGTACTTCGATGGCCACGTGTGGCCATGTACCTAAAG CACAGACAGGAAATGAGCTCCATCACCTGGGACATTGTTTACCTGGATGGAACAAGTCTGAAGAGGACC TCTTCTCAGGTGTATGAAGATGTCAAGCAGGAAGTACAGAGCAAAATGGTTTGTGATAACACCACAC AGATGGAGTGCAGCAAGTCCCGGGATGGATTCAGATACTTGAAGGGCTATTCTGAAGGACATTTACAGG GATGCAAGTATGCTCCTGCAGGACAGTGGCAGCTCGTCTGTATGTTCACTTTTGTGCCACTGTCCCCACAT CCAGAGCCATGTGTGCCATGCCGTGACAGAAAACCCCTCCTGAAAGCAAGAATGGCTTGACCTCACCC TGCAGGAGGCACAGCAGTTTATGCACAGAGGGTCAAGTTCCTCTATAGGAACAAAAGCCAAAGAGCTCCT GACTGTTACCTAGCACCAAAAGACCATTGTCGTCTAGGCCAACAAATGGGTGCTATGCTGTGTATGCTTCT GCGTTTGTGTGTATAGTTGTGTGTTCAAGTTTGTATGTATTTCTGTATGTATACATATACTCCAAGAC TACAAAATGAACCTTGTATACTACACAGAATGGTTTTTCCAGTTTTTCAATTTTGTATTGATTATAA TATATAATTTGAAAAATGTCTCATAGTATTGCCCCCCCCTTACACACACACACACACCTGCAACC AGCAGCATTACCCAAAGTAATGTCTCACATTGACTGAGTCAGCAGTTTACTGCAGAGCCTGGAGACTTTG TGCTTGTAGCCATAAATCACTTGTAAATTGTTAAATACTGTGTCTCTGTGAGATTTTTTATATCGAT AGAAGTGTGTTGTTAGAGGGCTGGTGTGAGATGGCTCAGCGTTAAGACTGCTCTTCCAAAGGTCTGAGTTC AAATCCCAGCAACCACATGGTGGCTCACAACCATCCGTAATGAGATCTGATGCCCTCTTCTGGAGTATCT GAAGACAGCTACAGTGTACTTACAAATAATAAATGAGTAAATAATTATTAATAAAAAGAGAAAGATTG TTATCTAAAAA |
| Restriction Sites: | RsrII-NotI |



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|------------------------|---|
| ACCN: | NM_145497 |
| Insert Size: | 588 bp |
| OTI Disclaimer: | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP). |
| 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: | <ol style="list-style-type: none">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: | BC016495 , AAH16495 |
| RefSeq Size: | 1631 bp |
| RefSeq ORF: | 588 bp |
| Locus ID: | 225994 |
| UniProt ID: | Q91W63 |
| Cytogenetics: | 19 B |
| Gene Summary: | Catalyzes the phosphorylation of nicotinamide riboside (NR) and nicotinic acid riboside (NaR) to form nicotinamide mononucleotide (NMN) and nicotinic acid mononucleotide (NaMN). [UniProtKB/Swiss-Prot Function] |