

Product datasheet for MC229274

C77080 (NM_001285866) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C77080 (NM_001285866) Mouse Untagged Clone
Tag: Tag Free
Symbol: C77080
Synonyms: Kiaa1522; mKIAA1522
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC229274 representing NM_001285866
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGTAGTGTTCCTGGGGCGACATCTCCAGCGCTTCTTGAGGTCTTTAAGAAGGGCTCTGCTAAGGCCG
 AGAGTGACAACCGTCAGGGCGCAGGGCCAGCCAGGGGCCAGGATCTGTAGGAGATGAATTCAGGACAA
 CGTTTTCTTCCCAGTGGGAGACCTCCTCATCTGGAAGAGCTGCACACACAGGCCAGGAGGGGCTCCGC
 TCCTCCAGCACCAAGAAAGACAGAAGCTGAGCAAGGGCGGCTGGGACCATGGAGACACCCAGAGCATCC
 AGTCTCCAGACGGGGCCGGATGAAGATACCATCTCCATCTACAGCCAGAAGTCATACATGACGGAGAG
 CTCCACCGCGGAGGATGCGCTCTCCGTCGCTCGGAGATGATTACGCGCAGAGGCTCCACCTTCAGACCC
 CATGACTCATTTCCAAAATCTGGGAAGTCAGGAAGGCGACGGAGGGAGCGAAGGAGCACGGTGCTGGGGC
 TGCCTCAGCACGTGCAGAAGGAGCTCGGCTGCGGAACAACCGTGAGGCACCGGGCACTCCACAGCCTCC
 TGGTTCACGGGACGCTGTCCGCATCCCCACGGTGGATGGTCGCCCCGGTCTGGCCTTAGGGACAGGGGTC
 CGAGTGTCCCTGCAGGCTCTGGAAGCAGAAACAGAGGCCGGCACAGATGCAGAGGCTGTCATCCAGCGCC
 ACATCGACCGTGTACCACGATGACACGCTTGTGGCCGATCCACGGGAGCCCGCCACCGCCACTGAC
 GAGGCCAATGTCTCTCGCAGTGCCTGGACTGACAGGAGGAGCAGGATCTCCAGAGCCACTGAGCCAGCC
 ATGTCAATCTCACCCAGGCCACCTACTTGTGCAAGCTGATCCCGCACGCGGTGCTGCCGCCACCGTGG
 ATGTGGTGGCCCTGGGCCGACGAGCCTGCGCACTCTGAGCCGTTGCAGCCTGCTCTGCCAGCCAGC
 TTCGGTTCGCTCCCTGGGCCGCTTCTCCTCGGCTTCCAGTCCACGGCCCCGACCCGCAACGCTTCTCG
 TCCAGTGACAACCTGGAGCCACTCTCAGTCTCCGAGACCATTGTGTCTGATGGTTCCACTTTTCTCTA
 AGGGGGGCTCTGAGGGCCAGCCAGAAGGCTCTGTAGCTAGCAATAATGTGGCGCCCCCTCTCCAGGCGG
 TAGTGGGCGGGGCTCCCCAGCGGGGTAGCACTGCGGAGACCTCAGACACGGCCAGCATCCGAAGCAGT
 GGGCAGCTGTCTGGCAGGAGTGTCTCCGTAAGATGAAACGGCCTCCCCGCTCCCCGCCGACCT
 ACTCCCTCCATCAGCGCGGCTCCGAGTGCCTGATGGGCCCTTAGGGTTGCCGCCAAACCTGAGCGAAA
 GCAGCAGCCACAGCTGCCTCGGCCGCCACTGCGGGTGGCTCTTACGGGTGGGGCAGTATCTGTCCA
 CCCAGCTCAGCAGGCACCTGGGGCTCTGGCTTGTCCCCAGGTGGCTCCAGGGCTCCCCACGTTCCCCAG



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AACGGACACTTTACCTTCAAGTGGCTACTCGAGCCAGAGCGGTACCCCAACTCTCCCTCCCAAGGGTCT
 GGCAGTTGCCCTGCTTCCCCAGGCAAGGCTCAGCCCCCAAACCAGATCGAGTGACATCCCTTCGATCT
 CCTGGGGCCTCTGTATCCTCTTCCCTTACATCTCTGTGTTCTTCTTTCAGACCCTACTCCTTTAGACC
 GCTCTGGCCACAAATGTCTACCCCTTGTAGTGACAGGTTCTGTCATACCTCCTCATCCCAAGGTGCCTGC
 TCCTTTCTCTCCACCACCTTCCAAGTCCAAGAGCTCGAACCAAGCTGCTCCTGTTCTGGCTGCCCTGCT
 GTGGCTCCTGGCAGGTGTCCACCATCGACACCAGTCTGCATCCCTTCCATGCCCCAGACAACCTTGA
 CTCAGCCAGGAGTCTCCTGTTGCCTCCAAGATGAGTACACCCACCACCCACCCCATCTTACCA
 TCCACCCACCACCTACTAAGAAGCCGGAGGTGCTGGAGGAGGCCACCTCCTCCGGAAGCTGCTGTG
 GAGATCCTTCCAGATCCCAGCTGGCCGCCGCCACCACCCTGCACCTGAGGAACAGGACCTGTCGATGG
 CTGACTTCCCCCTCCTGAGGAGGTCTTCTTCAATGCAGGCCCTGAGCTTGGCCCTCTGGAGTCTGCAG
 CTCTGAGGCTGCCGTCCCCCAGCTGCTAGCTTGTCCCAGACTCCTCCGCCAGCTCCACCTCCTAGTTCT
 GGATCAGAACCTTGGCCAGGCTCCACAGAAGGACTCAGTGGGCAAGCACAGCGGGGCTCCAGGGAGG
 ATTCGGGCACGCCTCTGGTCACACCCTCGCTCCTGCAGATGGTCCGGCTTCGCTCTGTGGGTGCTCCAC
 AGGGATTCCGAACCTTCTCCGGGTTTCATCGGCCCTCAGAAGCCTCTGCGAAGAGCCCTGTCTGGGCGC
 GCCAGCCAGTGACTGCTCCCTCCTCTGGGCTCCATGCTGCCGTCCGACTCAAGGCTCTAGCCTGGCTG
 CCAAGTGAAGTCTGCGAGTGTCTGCCACTGGAATACCCGAGGCAGAGCCACGGTCGCCACAGTCTCC
 TGCTCCAAGGCCAGCTTTCATCTTCTCCAAGGGCACAAAAAACTGCAGCTGGAGAGGCCGTGTCCCCC
 GAGGCCAGGCTGACCTCCAGCGGAATCTGGTGGCTGAACTTCGGAGCATTTTCAGAGCATCGGCCACCTC
 CCCAGGCCAGAAGAAGCCTTCCAAGGCTCCCCACCAGTGGCCCGCAAACCTCAGTGGGAGTCCCTCC
 TCCGTCCCCAGTCTTCCAGGACGGAGTCTTACTGCTCCATCCACCAATGGGCTCCCTCACGCTGAG
 GACAGGACTAACGGGGAGCTGGCGGAGAATGGAGGTGTGCAGTGGTGTACAGAGAAGATGGGCTCCC
 CTGGTTCAGATCCACAGAAGAACTGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001285866
- Insert Size:** 3042 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001285866.1](#), [NP_001272795.1](#)

RefSeq Size: 5066 bp
RefSeq ORF: 3042 bp
Locus ID: 97130
UniProt ID: [A2A7S8](#)
Cytogenetics: 4 D2.2