

Product datasheet for **MC223455**

C77080 (NM_001033189) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C77080 (NM_001033189) 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: >MC223455 representing NM_001033189
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGCCCGCGCGCCCCCGCCGACCTGCGGCCGACGAGCCTGGGAGCCCCGGCGGCCCGCCGCA
 GGAAGAAGTCCCCTCCGGCCTCCGCCGTGCCTCAGCTGGCTGAGGGGCAAACGGCGCAAGAAGAAGGC
 GGCCGGGGCCGAGGGCGCGAGTCCACAGCCTCGCGGGTAAGAAAGCGGACGACAAGGCCAAGCGGGCC
 AAGGGCAAAGCCGAGGCTCTGCTAAGGCCGAGAGTGACAACCGTCAGGGCGCAGGGCCAGCCAGGGGC
 CAGGATCTGTAGGAGATGAACTTCAGGACAACGTTTTCTCCCAAGTGGGAGACCTCCTCATCTGGAAGA
 GCTGCACACACAGGCCAGGAGGGGCTCCGCTCCCTCCAGCACCAAGAAAGACAGAAGCTGAGCAAGGGC
 GGCTGGGACCATGGAGACACCCAGAGCATCCAGTCCCTCCAGACGGGGCCGGATGAAGATACCATCTCCA
 TCTACAGCCAGAAGTCAATACATGACGGAGAGCTCCACCGCGGAGGATGCGCTCTCCGTCCGCTCGGAGAT
 GATTCAGCGCAGAGGCTCCACCTTCAGACCCCATGACTCATTTCCCAAATCTGGGAAGTCAGGAAGGCGA
 CGGAGGGAGCGAAGGAGCACGGTGTGGGGTGCCTCAGCACGTGCAGAAGGAGCTCGCCCTCGGGAACA
 ACCGTGAGGCACCGGGCACTCCACAGCCTCTGGTTACGGGACGCTGTCCGATCCCCACGGTGGATGG
 TCGCCCCGGTCTGGCCTTAGGGACAGGGTCCGAGTGTCCCTGCAGGCTCTGGAAGCAGAAACAGAGGCC
 GGCACAGATGCAGAGGCTGTCATCCAGCGCCACATCGACCGTGTACCACGATGACACGCTTGTGGCC
 GATCCACGGGAGCCCGGCCACCGCCACTGACGAGGCCAATGTCTCTCGCAGTGCCTGGACTGACAGGAGG
 AGCAGGATCTCCAGAGCCACTGAGCCCAGCCATGTCAATCTACCCCAGGCCACCTACTTGTGCAAGCTG
 ATCCCGCACGCGGTGCTGCCGCCACCGTGGATGTGGTGGCCCTGGGCCGACGAGCCTGCGCACTCTGA
 GCCGTTGACGCTGCTCTGCCAGCCCAGCTTCGGTTCGCTCCCTGGGCCGCTTCTCCTCGGCTCCAG
 TCCACGGCCCCGACCCGCAACGCTTCTCGTCCAGTGACAACCTGGAGCCACTCTCAGTCCCTCCGAGACC
 ATTGTGTCTGATGTTCCACTCTTCTCTAAGGGGGCTCTGAGGGCCAGCCAGAAGGCTCTGTAGCTA
 GCAATAATGTGGCGCCCCCTCCTCCAGGCGGTAGTGGGCGGGGCTCCCCAGCGGGGTAGCACTGCGGA
 GACCTCAGACACGGCCAGCATCCGAAGCAGTGGGAGCTGTCTGGCAGGAGTGTGTCCTGCGTAAGATG
 AAACGGCCTCCCCGCTCCCCGCGGACCTACTCCCTCCATCAGCGCGGCTCCGAGTGCCTGATGGCC



CCTTAGGGTTGCCGCCAAACCTGAGCGAAAGCAGCAGCCACAGCTGCCTCGGCCGCCACTGCGGGTGG
 CTCTTCAGGGGTGGGGCAGTATCTTGTCCACCAGCTCAGCAGGCACCTGGGGCTCTGGCTTGCCCA
 GGTGGCTCCAGGCGTCCCCACGTTCCCAAGAAGGACACTTTCACCTTCAAGTGGCTACTCGAGCCAGA
 GCGGTACCCCAACTCTCCCTCCCAAGGGTCTGGCAGTTGCCCTGCTTCCCAGGCAAGGCTCAGCCCC
 CAAACCAGATCGAGTGACATCCCTTCGATCTCTGGGGCTCTGTATCCTTCCCTTACATCTCTGTGT
 TCCTCTTCTTTCAGACCCTACTCCTTTAGACCGCTCTGGCCACAAATGTCTACCCCTTGAGTGACAGGT
 TCGTCATACCTCCTCATCCCAAGGTGCCTGCTCCTTTCTCTCCACCACCTTCCAAGTCCAAGAGCTCGAA
 CCAAGCTGCTCCTGTTCTGGCTGCCCTGCTGTGGCTCCTGGGCAGGTGTCCACCATCGACACCAGTCT
 GCATCCCCTTCCATGCCCCAGACAACCTTGACTCCAGCCAGGAGTCTCCTGTTGCCTCCAAAGATGAGT
 CACCCCCACCATCCCCACCCCATCTTACCATCCACCCACCACCTACTAAGAAGCCGGAGGTGTGGA
 GGAGGCCACCTCCTCCGAAGCTGCTGTGGAGATCCTTCCAGATCCCAGCTGGCCGCCGCCACCACCA
 CCTGCACCTGAGGAACAGGACCTGTCGATGGCTGACTTCCCCCTCTGAGGAGGTCTTCTTCAATGCAG
 GCCCTGAGCTTGGCCCTCTGGAGTCTGCAGCTCTGAGGCTGCCGTCCCCCAGTGTAGCTTGTCCCA
 GACTCCTCGCCAGCTCCACCTCTAGTCTGGATCAGAACCTCTGGCCAGGCTCCCACAGAAGGACTCA
 GTGGGCAAGCACAGCGGGGCTCCAGGGAGGATTCGGGCACGCCCTGGTACACCTCGCTCCTGCAGA
 TGGTCCGGCTTCGCTCTGTGGGTCTTCCACAGGGATTCCGAACCTTCTCCGGGTTTCATCGGCCCTCA
 GAAGCCTCTGCGAAGAGCCCTGTCTGGCGCGCCAGCCAGTGTCTCCTCCTCTGGGCTCCATGCT
 GCCGTCCGACTCAAGGCCTTAGCCTGGCTGCCAGTGAGAGTCTGCGAGTGTCTGCCCCACTGGAATAC
 CCGAGGCAGAGCCACGGTCGCCACAGTCTCCTGCCTCCAAGGCCAGCTTCATCTTCTCCAAGGCCACAA
 AAAACTGCAGCTGGAGAGGCCGTGTCCCCGAGGCCAGGCTGACCTCCAGCGGAATCTGGTGGCTGAA
 CTTCCGAGCATTTCAGAGCATCGCCACCTCCCCAGGCCAGAAGAAGCCTTCCAAGGCTCCCCACCAG
 TGGCCCCAAACCTCAGTGGGAGTCCCTCCTCCGTCGCCAGTCTTCCAGGACGGAGTCTTACTGTC
 TCCATCCACCAATGGGCTCCCTCAGCTGAGGACAGGACTAACGGGGAGCTGGCGGAGAATGGAGGTGTG
 CAGCTGGCTGCTACAGAGAAGATGGGCTCCCCTGGTTTCAGATCCACAGAAGAACTGGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001033189
- Insert Size:** 3213 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:**
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_001033189.3](#), [NP_001028361.1](#)
- RefSeq Size:** 5187 bp

RefSeq ORF: 3213 bp
Locus ID: 97130
UniProt ID: [A2A7S8](#)
Cytogenetics: 4 D2.2