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Product datasheet for MC229283

C77080 (NM_001285865) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C77080 (NM_001285865) 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:	>MC229283 representing NM_001285865 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGGCAACTCACACCACAAGAGGAAGGCCCCCAGCGGCCCCCGGACCCGCAGCTTCTGGCGCTTCGGGC GATCGGCGAAGCGGCCCGCAGGCTCTGCTAAGGCCGAGAGTGACAACCGTCAGGGCGCAGGGCCCAGCCA GGGGCCAGGATCTGTAGGAGATGAACTTCAGGACAACGTTTTCTTCCCCAGTGGGAGACCTCCTCATCTG GAAGAGCTGCACACACAGGCCCAGGAGGGGCTCCGCTCCCTCCAGCACCAAGAAAGACAGAAGCTGAGCA AGGGCGGCTGGGACCATGGAGACACCCAGAGCATCCAGTCCTCCCAGACGGGGCCGGATGAAGATACCAT CTCCATCTACAGCCAGAAGTCATACATGACGGAGAGCTCCACCGCGGAGGATGCGCTCTCCGTCCGCTCG GAGATGATTCAGCGCAGAGGCTCCACCTTCAGACCCCATGACTCATTTCCCAAATCTGGGAAGTCAGGAA GGCGACGGAGGGAGCGAAGGAGCACGGTGCTGGGGCTGCCTCAGCACGTGCAGAAGGAGCTCGGCCTGCG GAACAACCGTGAGGCACCGGGCACTCCACAGCCTCCTGGTTCACGGGACGCTGTCCGCATCCCCACGGTG GATGGTCGCCCCGGTCTGGCCTTAGGGACAGGGGTCCGAGTGTCCCTGCAGGCTCTGGAAGCAGAAACAG AGGCCGGCACAGATGCAGAGGCTGTCATCCAGCGCCACATCGACCGTGTTTACCACGATGACACGCTTGT TGGCCGATCCACGGGAGCCCGGCCACCGCCACTGACGAGGCCAATGTCTCTCGCAGTGCCTGGACTGACA GGAGGAGCAGGATCTCCAGAGCCACTGAGCCCAGCCATGTCAATCTCACCCCAGGCCACCTACTTGTCGA AGCTGATCCCGCACGCCGTGCTGCCGCCCACCGTGGATGTGGTGGCCCTGGGCCGCAGCAGCCTGCGCAC TCTGAGCCGTTGCAGCCTGCTCTCTGCCAGCCCAGCTTCGGTTCGCTCCCTGGGCCGCTTCTCCTCGGCT TCCAGTCCACGGCCCCGCAGCCGCAACGCTTCCTCGTCCAGTGACAACTGGAGCCACTCTCAGTCCTCCG AGACCATTGTGTCTGATGGTTCCACTCTTTCCTCTAAGGGGGGCTCTGAGGGCCAGCCAGAAGGCTCTGT AGCTAGCAATAATGTGGCGCCCCCTCCTCCAGGCGGTAGTGGGCGGGGCTCCCCCAGCGGGGGTAGCACT GCGGAGACCTCAGACACGGCCAGCATCCGAAGCAGTGGGCAGCTGTCTGGCAGGAGTGTGTCCCTGCGTA AGATGAAACGGCCTCCCCCGCCTCCCCGCCGGACCTACTCCCTCCATCAGCGCGGCTCCGCAGTGCCTGA TGGGCCCTTAGGGTTGCCGCCCAAACCTGAGCGAAAGCAGCAGCCACAGCTGCCTCGGCCGCCCACTGCG GGTGGCTCTTCAGGGGTGGGGGCAGTATCTTGTCCACCCAGCTCAGCAGGCACCTGGGGCTCTGGCTTGT

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CCCCAGGTGGCTCCAGGCGTCCCCCACGTTCCCCAGAACGGACACTTTCACCTTCAAGTGGCTACTCGAG
CCAGAGCGGTACCCCAACTCTCCCTCCCAAGGGTCTGGCAGTTGCCCCTGCTTCCCCAGGCAAGGCTCAG
CCCCCCAAACCAGATCGAGTGACATCCCTTCGATCTCCTGGGGCCTCTGTATCCTCTTCCCTTACATCTC
TGTGTTCCTCTTCTTCAGACCCTACTCCTTTAGACCGCTCTGGCCCACAAATGTCTACCCCCTTGAGTGA
CAGGTTCGTCATACCTCCTCATCCCAAGGTGCCTGCTCCTTTCTCTCCACCACCTTCCAAGTCCAAGAGC
TCGAACCAAGCTGCTCCTGTTCTGGCTGCCCCTGCTGTGGCTCCTGGGCAGGTGTCCACCATCGACACCA
GTCCTGCATCCCCTTCCATGCCCCAGACAACCTTGACTCCAGCCCAGGAGTCTCCTGTTGCCTCCAAAGA
TGAGTCACCCCCACCATCCCCACCCCCATCTTACCATCCACCCCCACCACCTACTAAGAAGCCGGAGGTG
CTGGAGGAGGCCCCACCTCCTCCGGAAGCTGCTGTGGAGATCCTTCCAGATCCCAGCTGGCCGCCGCCAC
CACCACCTGCACCTGAGGAACAGGACCTGTCGATGGCTGACTTCCCCCCTCCTGAGGAGGTCTTCTTCAA
TGCAGGCCCTGAGCTTGGCCCTCTGGAGTCCTGCAGCTCTGAGGCTGCCGTCCCCCCAGCTGCTAGCTTG
TCCCAGACTCCTCCGCCAGCTCCACCTCCTAGTTCTGGATCAGAACCTCTGGCCAGGCTCCCACAGAAGG
ACTCAGTGGGCAAGCACAGCGGGGCTCCCAGGGAGGATTCGGGCACGCCTCTGGTCACACCCTCGCTCCT
GCAGATGGTCCGGCTTCGCTCTGTGGGTGCTTCCACAGGGATTCCGAACCCTTCTCCGGGTTCATCGGCC
CCTCAGAAGCCTCTGCGAAGAGCCCTGTCTGGGCGCGCCAGCCCAGTGACTGCTCCCTCCTCTGGGCTCC
ATGCTGCCGTCCGACTCAAGGCCTCTAGCCTGGCTGCCAGTGAGAGTCCTGCGAGTGCTCTGCCCACTGG
AATACCCGAGGCAGAGCCACGGTCGCCACAGTCTCCTGCCTCCAAGGCCAGCTTCATCTTCTCCAAGGGC
ACCAAAAAACTGCAGCTGGAGAGGCCCGTGTCCCCCGAGGCCCAGGCTGACCTCCAGCGGAATCTGGTGG
CTGAACTTCGGAGCATTTCAGAGCATCGGCCACCTCCCCAGGCCCAGAAGAAGCCTTCCAAGGCTCCCCC
ACCAGTGGCCCGCAAACCCTCAGTGGGAGTCCCTCCTCCGTCCCCCAGTCTTCCCAGGACGGAGTCTCTT
ACTGCTCCATCCACCAATGGGCTCCCTCACGCTGAGGACAGGACTAACGGGGAGCTGGCGGAGAATGGAG
GTGTGCAGCTGGCTGCTACAGAGAAGATGGGCTCCCCTGGTTCAGATCCACAGAAGAAACTGGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001285865

Insert Size: 3078 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_001285865.1, NP_001272794.1

RefSeq Size:	5094 bp
RefSeq ORF:	3078 bp
Locus ID:	97130
UniProt ID:	A2A7S8
Cytogenetics:	4 D2.2