

Product datasheet for **SC321846**

MGC34774 (NM_203308) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MGC34774 (NM_203308) Human Untagged Clone
Tag:	Tag Free
Symbol:	MGC34774
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_203308.1
 GAAAGGAGACAGAAGCAGCAACATCTCAACAACCAATTTCCAATACTATGAATCAGATCA
 TTTCAAAGCAGTTCCCAGAAACATGATACCCAGGGAGAACCAACATGAAGTTATGGTT
 GTTATTTTTTTGAGAAGGGAAAGACTACTGATGAGAGATGCTTCCAAATTAAGTGGCA
 AAGGACTCAGGATATTTAAGGATGAGATTCCATTGCCTGATCTCTTTGTCTTTACATTCA
 CTTATCTGCAGTCTGACTCTCTCCTCTCACCATGGAATGGAACTTAGACCTTGGGAAGA
 CTTCATAATTTTTTCTCTACTGTCATGTTTGAAAAATGGAATAAAACAACCTTCATGCT
 TTGGAACTGGGAGGAAATAACCCTAGAAGGATCTTCTGGAGCCAACCTCTTCAAAGA
 AGACAGGATAGTATAATTATGAACCTCAGTCTCTGTAGTCATGATGCTCACATCCAAGCCC
 CTGCACATCCTAGGAAGATTCATCACTAAGCCATTACTCTTCACTAATTCATGGAAGAAC
 TTCGAATAACTCCTAGCAGACATGGCCGTGTGCACCATCAATCATGTCATGAAGCACCC
 AGGACCTACAAGGTGGCTGCTGAAGACAGCAGAAAGACAGAACCTGGTGTCTCAGTGGCCA
 AGGCCATCTTGTGGGCCACCCGGCAGCCATCTTGGCCAAGTGGGCTCTGTGGGAAGGAA
 ACTGGTGGTCGAGCACCACGAGGGCATCAACATTTCTGGCAATTTCTGGAGAAACAAATT
 AAAGTATCTGGCCTTCTCTACAAGCAGATGAGCACCAACCTTCCCAAGGCCCGCCCGC
 CCCGCCATTCTGGGCCCCCAGCGCATCTTTTGGTGGCCTTGCAGAACCAAGTGGGGCCA
 GGCTGCCCTGGACCACCTTATGGTGTTTTATGGGATCTCACTGCCCTATGACAAGTGGT
 TCCTGCTGCCCTTTAGGTTATACGACTGAAGCCTACAAGAAAGTTTGCCTCTTGGGGTG
 CCTGGCTCAGGAGTTGGCTGGAATACCAAGGTAGTGACAGCCACCATGGGGGAGAAGAG
 GAAGGAGAAGGCCAAGATGCACTACAGGAAGAAAAAGCAGCTCATGCGGCTGCAGAAACA
 GGCCACAAAGAACGTGGAGAAGACAAATGACAAATACACAGAGGCTCCTAAGACCGAGGGA
 CTCCTGTTTGAGACCAGTAAAGACTGTTTATTCCTCATGCTTGGCCTGGCCTACCCTTC
 TGCCATTGCGACCTTGGGATATGGGGGAGCCTACCTTTCTGCATCACCGCCCTGGGATG
 TGGGGGATCCAAGGGCAGCAATATAGGTGCCATGGGCAGCTGGGACTTAAGCTGGGGGC
 AAGGGAAGGGCCTTAGTCACTGCCTTTCTATAAGGTTATTTTAAACAGCTCTAAGATTTG
 TACAGGAATAATTTGTCTATGACCTACTTGTTCAGGACAGAGTTTGAAGAAACCAATAGA
 GCAACCAGTTACTTTGGTTTTAATATTGGCAAAAGGGACCTGGAACATTAATTGGAGGGA
 GCCCCGCCTCGTGAAGGGGCATCTCTTTTAACTCCACCTTCTCGTGTATACTCTGT
 GGCTGTTATAATGAAAAAGTCTTAGGGACAGCATGATCTTACTGTTATTCAAAGGAT
 ATTATAGAGAAGCTTAGACTAGGAAGATGTGTGACCAAGAGGTGGCAGGGGTGCGCCTTG
 CTCCTTCCCTGTATTTTGTGACCAGAATGAAATAAATTACTTTCAAAGAAAAAAAAAAAAA
 AA

Restriction Sites: Please inquire

ACCN: NM_203308

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_203308.1](#), [NP_976053.1](#)

RefSeq Size: 1848 bp

RefSeq ORF: 513 bp

Locus ID: 399670

Cytogenetics: 7q21.11