

Product datasheet for **MC221773**

Exoc6 (NM_175353) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Exoc6 (NM_175353) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Exoc6
Synonyms:	4833405E05Rik; AW413330; C430002C19; hbd; msec15; Sec15; Sec1511
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221773 representing NM_175353
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGAGAGCTGCGAGGCTCTGGGCACGGTCCCGGAGCACGAGCGGATCTTGCAGGAGATCGAAAGCA
 CCGACACCGCCTGCGTAGGGCCACCCTCCGATCTGTGTATGATGATCAGCCAAACGCACACAAGAAGTT
 TATGAAAAGCTAGACGCTTGTATCCGCAATCATGACAAGGAAATTGAAAAAATGTGTAACCTCCATCAC
 CAGGGCTTTGTGGATGCGATTACGGAACCTCTCAAAGTAAAGGCGCGATGCGGAAAAAAGTGAAGTGCAGG
 TTACCGATACCAACCGAAGGTTTCAAGATGCAGGAAAAGAGGTGATAATCCAAACAGAAGATATTATTCCG
 GTGTAGGATTGAGCAGAGAAATATTACAACCGTAGTAGAGAAATTACAGTTATGCCTCCCAGTGTGGAG
 ATGTACAGTAAGCTGAAGGAACAGATGAGCATGAAAAGGTATTACTCCGCACTTAAACAATGGAACAGC
 TAGAGAATGTGTACTTTCCCGGGTCAGCCAGTACCGCTTCTGCCAGCTCATGATGGAGACTCCCTAA
 ACTCCGGGAAGACATCAAAGACATCTCCATGTCTGATCTCAAGGACTTTCTGGAAAGCATCCGAAAGCAT
 TCTGACAAAATAGGTGAAGCAGCCATGAAGCAGGCACAACAGCAGAAGAGCTTCAGTGTGCTCTGCAGA
 AGCAAAAATAATATGAGGTTTGGGAAAAACATGCATGTAATAATGACAGGATTCTAGAAGAGAAGAGTGA
 TGTATACCGAAGCATGCACTTGAAGAGGAGGCGGAGAACGACGAGGAGGTCTTAACTGTTCAAGATCTC
 GTTGATTTTTCCCTGTTTACCGATGCTTGACATTTATTCTGCTTTGGGTGATGAAGAAACATTTGAAA
 ATTATTACCGAAGCAAAGGAAGAAGCAGGCACGCTGGTTCTGCAGCCGAGTCGAGTGTGCATGAAAC
 AGTTGATGGCTATAGAAGATTTCACTCAAATGTAGGGTCTTTGTTGTGGAAGATCACATTTTACAC
 GTGACCAAGGATTAGTAACAGGGTCTACACTGAGGAACTCTGGAACATGGCCCTCTCAAAGATAATTG
 CTGTCCACAGACTCACTCATCTTACTGCACTGACCCTGACCTTGTCTGGAGCTGAAGAAATCTCATCGT
 AATTTTTGCAGACTCTGCAGGGTTATGGCTTCCAGTCAACCGGCTTTTGACCTTTTATTGAAATA
 AGAGATCAATATAACGAAACACTGCTGAAGAAAGTGGGCTGGTATTTTCAGGGACATTTTGAAGAAGATA
 ATTACAGCCCATCCCTATTGGCAGTGAGGAAGAATAAAAGTAGTCATCAGTAGATTCCCGTTTCAGGA
 TCCAGACCTCGAAAAGCAATCTTCCCAAAGAAGTTTCTATGTCCAGTCTGTGCCTCTTATTTATATT
 CAAGTTAAAGAATTTATTTATGCCAGTCTTAAATTTTCAGAGTCGCTACACCGAAGCTCAACAGAAATAG
 ATGACATGCTTAGGAAATCAACCAATCTGCTGCTGACCAGAATCTGAGTAGCTGTTTACTGAACCTTAT
 TAGAAAACCTCATATAGGTTTGACAGAGCTGGTGCAAATATCATAAACACAACACACCTGGAACAAGCT
 TGCAAATACCTAGAGGACTTTATAACTAACATTACAAATATTTCTCAAGAAACCGTTACACCACAAGAC
 TTTATGGACTTTCTACTTTAAGGATGCTCGACATGCGGCAGAAGGAGAAATATATACCAAACCTCAATCA
 AAAAAATTGATGAATTTGTTTCAGCTGGCTGATTATGACTGGACCATGGCTGAGTCAGATGGGAGAGCAAGT
 GGTATTTAATGGATCTTATTAATTTTCTGAGAAGCATCTTCAAGTGTTTACCCATTTGCCTGGGAAAAG
 TTGCCAGACAGCTTGCATGTCAGCCTGCCAACATCTGTCCACATCCTTAAATGCAGATGCTACTGGACAG
 TGAGTTAAAGCAGATCAGCATGGGAGCCGTGCAGCAGTTAACCTCGATGTCATACAGTGCGAAGCTGTT
 GCCAGCTCTGAGCCTGTGCCAGGATTCCAAGGGACACCTGCAGCTGGCCTTCATTGACCTCAGACAGC
 TCCTTGACCTGTTTATGGTTTGGGATTGGTCTACTTACCTGGCTGACTATGGGCAGCCGGCTTCCAAGTA
 CCTCCGAGTGAACCCACACGCAGCCCTCACTCTTTGGAGAAGATGAAGGACACCAGCAAGAAGAATAAC
 ATATTCGCCAGTTCGGGAAGAATGACCGAGACAGACAGAAGCTGATAGAGACAGTGGTGAACAGCTCA
 GAGGCTTGGTGAAGTGTATGTCCAGCACACGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_175353
Insert Size: 2415 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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_175353.2](#), [NP_780562.2](#)

RefSeq Size: 2737 bp

RefSeq ORF: 2415 bp

Locus ID: 107371

Cytogenetics: 19 32.32 cM