

Product datasheet for **MC222640**

Exoc2 (NM_025588) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Exoc2 (NM_025588) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Exoc2
Synonyms:	2410030I24Rik; A1648199; Sec5; Sec511
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222640 representing NM_025588
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCTCGATCCCGGCAGCCCCACTTGTAAACAGGCATCTCTCCAAATGAAGGAATACCTTGGACCAAAG
 TCACAATTAGAGGGGAGAACCTGGGTACTGGTCCCACTGACCTCATAGGCTTGACAATTTGTGGACATAA
 TTGCCTCCTCACGGCAGAAATGGATGTCTGCGAGTAAAATTGTCTGTGAGTGGGACAAGCAAAAATGAC
 AAAGGAGACATTATTGTCACTAAGTCAGGGGTAAAGGAACCTCACTGTCTCTTTAAGCTACTCA
 AGCCTGAAAAAATAGGCATTTTAGATCAGTCTGCAAGTGGGTGGATGAAATGAATTATTATGATATGCG
 GACTGACAGGAACAAAGGATTCTCCCTGTCTCTCCGTCTGCGAATCCTCTTGGCATTGAAATTGAG
 AAATGTAACCTCCTCAGAAGAACTTAGAAGTGTATTCCATGGCATGAGTGTGATTTTACAAGTGA
 ATTTTTCAGCAGCCTGGTATCTCATAGAGAATCACTCCACCACGTTTTGAGCAGCTCAAGATGGCGGT
 CACCAACCTCAAAGGCAGGCCAACAGAAGAGTGAGGGTAGTCTGGCATATGTGAAGGGCGGCCCTCAGT
 ACCTTCTTTGAAGCTCAAGATGCTCTCTCAGCTATCCATCAAAAAGTGAAGCAGATGAACTGAAAAAG
 TAGAAGGATCCATGACACAGAAATTGGAGAATGTCTCAATAGAGCAAGTAAACCCGCTGACACATTGTT
 CCAAGAAGTATTAGTCCGAAAGACAAGGCAGATTCCTAGGAACGCCCTCAACGTAATTCAGCGATTT
 AAATTTCTCTTCAACCTTCTCTCAATATTAACCGAATATTCAAAAGGGGGATTATGATGTAGTTATTA
 ATGATTATGAAAAAGCCAAATCGCTCTTTGGGAAAACGGAGGTGCAAGTTTTCAAGAAATATTATGCTGA
 AGTAGAAGCAGGAATTGAAGATCAAGAGAGTTACTTCTAAAGAAATGCTCGAGACTCCATCAACCTTA
 CATGACCAGAGCGCTACATAAGGTATCTTTCCGACCTCCATGCACCTGGTGACCCTGCTTGGCAGTGTA
 TTGGAGCTCAGCACAAGTGACCCTCAAGCTCATGCAAGACTGCAAGAAGGCCACATGAAGAGCCAAA
 AGGTCAACCCAGGCCCGCACAGCCCATGCTCGACCTAGACAACGATGTGCGCCCTCGGTGTTGGGCCAC
 CTCAGTCAGACAGCGTCACTGAAGAGGGGAGCAGCTTTCAGTCTGGCCGAGATGACACATGGAGGTATA
 AGACTCCCCACAGAGTGGCATTGTTGAAAAATTAACCAAGCTTGTGTTAAGTCAGCTGCCTAACTTCTG
 GAACTCTGGATTTCATATGTTAATGGAAGTCTTTTTCAGTGAAGCGGCTGAGAAGTCAGGCCAGAGTGAA
 AGATCAAAGAATGTGAGGCAGAGACAAAACGATTTCAAGAAAATGATTCAAGAAGTAATGCACTCCCTGG
 TGAAGCTGATCCGGGGAGCCCTGCTTCCACTCAGCCTCCGAGAAGGGGATGGGAGGCAGTATGGCGGCTG
 GGAGGTGCAGGCAGAGCTTTCGGGGCAGTGGCTCGCACACGTTATCCAGACCATAAGGCTAACATATGAA
 TCACTGACCGCCCTGGAGATCCCAATGACATGTTACAGATTATCCAGGACCTAATTTTGGATCTCCGAA
 TACGTTGCATAATGGTGACATTGACGATACGGCCGAAGAGATAAAGAGATTAGCTGAAAAAGAAGACTG
 GTTTGTGATAATGAAGGACTGACTTCCCTACCATGTCAGTTTGAACAGAGCATTGTTCACTCCCTGCAG
 TCCTTGAAGGGTGTGTGATTGCAAACCTGGAGAAGCCAGCGTCTTTCAACAGCCTAAAACGCAGGAGG
 AGGTTTGGCAGTTATGCATCAATATCATGCAGGTTTTTATATACTGCCTGGAACAACCTGAGCACCAAGCC
 TGATGCAGACATAGATACTACTCATCTTCTGTTGATGTTTCTTCTCTGATTTGTTTGGAAAGCATCCAT
 GAAGACTTCAGTTTACTTCAGAGCAGAGGCTTTTGTAGTCTGAGTAATTGCTGCTATTTAGAACGTC
 ACACCTTCTAAACATAGCAGAACATTTTGA AAAACACAACCTCCAGGGAATAGAGAAAAAACACAGGT
 TAGCATGGCATCGCTGAAAGAACTGGATCAACGACTCTTTGAAAATTACATTGAGCTAAAAGCAGATCCC
 ATTGTTGGATCCTTAGAACCTGGGATCTACGCAGGCTACTTTGATTGGAAGGACTGCCTGCCTCCGGCAG
 GTGTCAGAAACTATTTAAAAGAAGCATTGGTGAATATAATTGCTGTGCATGCAGAGGTATTCATATTTT
 CAAGGAACTGGTGCCACGGGTCTTGGCCAGAGTGGTAGAAGCAGTCTCTGAAGAGCTGAGCCGGCTGATG
 CAGTGCCTCATCTTTCAGCAGAAATGGAGCACTGCAGGCCAGACTTGAATCTGTGCTCTGAGGGACA
 CTGTAGCCATTTACCTGACCTCGAAAGCAGGTCTAGTTTTAACAGGCCCTGGAGGCCCTGCCTCAGCT
 TGCAAGTGGTGGCAGAAAAAGTCACTGGAAGAGCTGCTCAACAAGTTCAAGAGCAGCATGCACTTGCAG
 CTCACCTGCTTCAAGCTGCGTCTCCAGCAGTCATGAAAAATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_025588
Insert Size:	2775 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:	<ol style="list-style-type: none">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_025588.2 , NP_079864.1
RefSeq Size:	4277 bp
RefSeq ORF:	2775 bp
Locus ID:	66482
UniProt ID:	Q9D4H1
Cytogenetics:	13 A3.2
Gene Summary:	Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane.[UniProtKB/Swiss-Prot Function]