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Product datasheet for MC222899

Exoc4 (NM_009148) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Exoc4 (NM_009148) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Exoc4
Synonyms:	C78892; Sec8; Sec8l1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

View online »

Fully Sequenced ORF:

>MC222899 representing NM_009148
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGCAGAAGCAGCTGGTGGGAAATACAGGAGCACAGTCAGCAAAAGCAAAGACCCCTCGGGGCTGC
TCATCTCGGTGATCAGGACTCTGTCTACCAGTGATGATGTTGAAGACCGAGAAAATGAGAAAGGTCGCCT
TGAAGAAGCCTATGAGAAGTGTGACCGTGACCTGGATGAATTGATCGTTCAGCACTACACAGAATTGACC
ACAGCCATTCGCACATACCAGAGTATCACAGAACGCATCACTAACTCGAGGAATAAAATCAAGCAGGTCA
AAGAGAATCTGCTTTCCTGCAAGATGCTGCTGCATTGCAAACGGGATGAGCTTCGTAAGCTGTGGATTGA
AGGAATCGAGCATAAGCACGTCCTGAACCTACTGGATGAGATTGAGAACATCAAGCAAGTGCCTCAAAAG
CTGGAACAGTGCATGGCCAGCAAGCACTACCTCAGCGCCACCGACATGCTGGTGTCAGCAGTGGAGTCCC
TGGAGGGTCCACTGCTCCAGGTGGAAGGGCTCAGTGATCTCAGGCTGGAACTTCACAGCAAGAAGATGAA
CCTGCACTTGGTTCTCATAGAGGAACTGCACCGCCATCTGTATATCAAATCCACTAGCCGGGTGGTACAG
CGTAACAAGGAAAAGGGGAAGATGAGTTCTCATGGCAAAGATCCCTCTCCTGGTCCTCTGATTGATGTTT
CAAACATCCCTACTCCACGCAAATTCCTTGATGCTTCTCAATATTCTGCTGCTGGAGGCTCAAGTGTGAG
GGAGATGAACCTGCAAGACGTCAAGGAGGACTTGGAGTGTGACCCAGAGGAGAACAGCACTCTTTTCATG
GGAATTCTTATTCAGGGCCTGGCCAGACTGAAGAAGATCCCTGAGACAGTTAAAGCCATTAAAGAGCGTC
TGGAGCAGGAGCTAAAGCAGATTGTGAAGAGGTCAACCACCCAGGTAGCAGACAGTGCTTATCAGAGGGG
AGAGAGCCTCACTGTGGACAATCAGCCAAGGTTACTCCTAGAACTGCTGGAACTGTTGTTTGATAAGTTT
AATGCCGTAGCCACTGCACACTCAGTGGTCCTGGGGTACCTCCAGGACTCTGTTGGGACCCAGCTAACAC
AGCAGGAGGAGATCAAATTATATGACATGGCAGATGTGTGGGTGAAGATCCAGGATGTGCTGCAGATGCT
GTTGACTGAGTACTTGGATATGAAGAACACACGCACCGCCTCAGAGCCATCAGCCCAACTAAGCTATGCC
AGTACTGGACGAGAGTTCGCAGCCTTTTTTGCCAAGAAGAAACCACAGAGGCCAAAGAATTCTCTTTTCA
AGTTTGAATCATCCTCCCATGCTATCAGCATGAGCGCCTATCTCCGAGAACAAAGAAGGGAGCTCTACAG
TCGGAGTGGAGAACTCCAGGGAGGTCCTGATGACAACTTAATTGAAGGTGGAGGAACAAAATTTGTCTGC
AAACCTGGAGCCAGAAATATTACCGTCATATTCCATCCATTACTGAGATTTATTCAGGAGATTGAACATG
CCCTGGGACTTGGCCCTGCCAAACAGTGTCCTCTTCGAGAGTTTCTTACCGTGTATATCAAGAGCATCTT
CCTTAATCAGGTCTTGGCTGAGATCAACAAGGAGATTGAAGGCGTCACCAAAACCTCAGACCCCTTGAAG
ATCCTGGCTAATGCAGACACCATGAAGGTTCTGGGAGTGCAGCGGCCTCTTCTACAGAGCACAATCATCG
TGGAGAAGACAGTACAAGACCTCATGAACCTTATGCATGACTTGAGTGCGTATTCAGATCAGTTCCTCAA
CATGGTGTGTGTGAAGCTCCAGGAGTACAAGGACACGTGCTCCACAGCCTACAGGGGCATTGTCCAGTCA
GAAGAGAAACTTGTCATCAGTGCTTCTTGGGCAAAGGATGATGATATCAGCAGACTCTTGAAATCGCTGC
CAAACTGGACTAACATGGCTCAGCCCAAACAGCTAAGGCCTAAGAGGGAGGAGGAAGAAGACTTCATAAG
GGCAGCCTTTGGCAAGGAGTCTGAAGTCCTGATTGGAAACCTTGGTGACAAACTCATTCCTCCACAAGAC
ATTCTCCGTGACGTTAGTGACCTCAAAGCCTTGGCCAACATGCACGAAAGCCTGGAATGGCTGGCAGGTC
GAACAAAGTCAGCTTTCTCCAACCTTTCTACATCCCAGATGCTTTCCCCTGCTCAAGAGAGCCACGTGAA
CATGGACCTTCCCCCAGTGTCTGAACAGATCATGCAGACACTGAGTGAGCTTGCCAAGACCTTCCAGGAC
ATGGCTGACCGCTGCTTGCTCGTCCTGCATCTGGAAGTGAGAGTTCATTGTTTCCACTATCTCATCCCTC
TGGCAAAGGAGGGGAACTATGCCATCGTTGCCAATGTGGAGAGTATGGATTACGACCCTCTAGTGGTCAA
GCTCAACAAAGACATCAGTGCCATGGAAGAGGCCATGAGCGCCAGCCTCCAGCAACATAAGTTCCAGTAC
ATCTTTGAAGGTCTGGGACACCTCATCTCCTGTATCCTCATTAATGGGGCCCAATACTTCCGGCGCATCA
GTGAGTCTGGCATCAAGAAAATGTGTAGGAACATTTTTGTTCTTCAGCAGAACTTGACCAACATCACCAT
GTCACGGGAGGCAGACTTGGACTTTGCAAGGCAGTACTACGAGATGCTGTACAACACAGCCGACGAGCTC
CTGAACCTGGTGGTGGACCAGGGTGTGAAGTACACAGAGCTAGAGTACATCCATGCCCTGACCCTGCTGC
ACCGAAGCCAGACTGGTGTGGGGGACCAGACCACCCAGAACACCAGGCTGCAGAGACTCAAGGAGATCAT
CTGTGAGCAGGCTGCCATCAAGCAAGCCACCAAGGACAAGAAAATAACCACTGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_009148
Insert Size:	2928 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_009148.3, NP_033174.2
RefSeq Size:	3723 bp
RefSeq ORF:	2928 bp
Locus ID:	20336
UniProt ID:	O35382
Cytogenetics:	6 14.59 cM
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] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.