

Product datasheet for **MC222646**

Coro7 (NM_030205) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Coro7 (NM_030205) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Coro7
Synonyms:	0610011B16Rik; AW048373; AW556392
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC222646 representing NM_030205
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTCGCTTCAAGGTGTCCAAGTTTCGGCATATGGAGGCCCGCCGTCGCCGAGAGGCCTGGATCA
 GTGATATTCGTGCTGTAACCACCCACATGCGGGAACCATCAAATCAAGCTGCAGCTTGATCGCTTT
 CAACTCTGACCGCCAGGTGATTGGGTGTCATATCTCTGGAAGGCCATGAGAAAAACAAGAGGCATGTG
 ACCTACCTTGGCTGTCATTACAGACCTGGTCACTGACCTGGACTTCTCCCCTTTGATGACTTCTCCTGG
 CCTCCGGTTCAGCTGACAGGACGATAAAGCTTTGGCGTCTGTCTGGCACTGGAGAAGCGCTTCCCTCTGT
 GCCTGGAGTGGTCTGGTCTGAGGAGCTGCCAGTGGAGGACTGCAGTTCACCCCACTGTAGACGGT
 GTTCTGGTGAGCACAGCTGGCAAGACTGTGAAGTCTGGGATGTAGCCAAGCAGCAGCCCTGACAGAGT
 TGGAGGCCACAAGGACCTGGTGCAGAGTCTGTTGGAGCCGGGATGGAGCCATTGTGGGCACAGCATG
 TAAGGACAAGCAGCTTCGGATCTTTGACCCAGAGCAAGAACCAGGCTTCTCAGAGCACACAGGCCAT
 GAGAACAACAGAGACATCCGGTTGGCATGGACAGGCATTAAGAGCACCTTGTGTCCACTGGATTCAACC
 AGATGCGTGAGCGAGAAGCGAAGCTCTGGGATACCCGGCTCTTACAGAGTGCCTGGCCTCCGTCACCCCT
 GGACACCTCTCCTGGCCTCTGATACCTCTGCTGGATCCAGACTCTGGGCTATTGGTCTGGCAGGAAAAG
 GGTGAGAAATCAGCTATACTGTTACGAGGTGACCCACAGCAGCCTGCAGTGCAGCCAGTCACTGAGTCA
 TTCTGGAGAATGTACTACGAGGAGCAGCCCTTGTCCCGGCGAGCACTGGCTGTGATGAGTTGCGAGGT
 GCTCCAAGTCTGCAGCTGAGTGACACAGCCATCATACCCATCAGCCACCAGTGCCTCCGAAAAGCTGTA
 GAGTCCATGAGGACCTGTTCCAGACACAGCCGGTCTGTGCTGCTTCTGATGCCACATGTGGTGGG
 CTGGGGACAACCCAGCAGTTTCAAGAGTCAAGCTCAACCCAGCTCGCCGACCCCACTTGTCTCACGTC
 CTCCTTGGTCCCACTATGGAACCGGCCCTGACATGGTCCAGCCTGCAGAGATGCCAGAGCTGACACA
 GACCTAAGTGAGGGCTTTTCTCCCTAGCTCACTGATGTCACCTCCACACCATCCAGTCTGGGCCTT
 CACTCTCCAGCACGAGCGGCATTGGTACCAGCCCACTGAGAGTCCCTCAGAGTCTGCTGGGCCCCAG
 TTCTAAATTTGCGCACACTCAGGCGAGCCTCTCCACCGCAGCAGTCACTCACCAACCTTAAGGGACTC
 AACCTCACAACTGGTGGAGTGTGGCTTCTGCGCTAACCGGCTGCGTGTGGCTGTTCCCTGCTCA
 GCAGTGGTGGGACAGTGTGCTTGGCTGAGTGCAGAAGCCAGGCCGCTGCTGACACAGCATTGCCTAC
 ACTTCAGAAATGGGACAGCTGTAATGGATCTGGTCTGGGATCCCTTGACCCACACCGGCTGCTGTGGCT
 GGGGAGGATGCCCGGATCCGACTATGGCGGGTGCCTTGGTGGCTCGAGAATGTTCTCACACACCTG
 AGACTGTGCTCACAGGCCACAGAAAAGATCTACTCTCTGCGCTTCCACCCCTGGCTGCCGATGACT
 GGCTTCCAGTTCCTATGATCTAACCGTTGCGATCTGGGACCTTACAGTGGAGCTGAGCGGCTGAAACTG
 CAGGGCCATCAGGACCAGATTTTAGCTTGGCCTGGAGTCCAGATGGAAAGCAACTGGCCACCGTATGCA
 AGGATGGGCATGTGCGGGTCTATGAACCCGCGCAGCAGCCCTTACCCCTACAGGAAGGCCAGGACCTGA
 AGGTGGCCGCGGAGCCGCATTGTCTGGGTGTGTGATGGTGGTTGCTGCTGGTTTCTGGCTTGGACAGC
 CGGAGTGAACGCCAGCTACAGTTGTACATAGCTGACGCCCTGGCACAAGGCCCTTACAGACTGCTGGGCC
 TCGATGTAGCTCCCTCGACCTGCTTCCAGCTATGACCTGACACAGCCCTGGTCTTCACTGGCAA
 GGGTGATACCCGTGTTCTCTGTATGAGGTGCTCCCGGAGGCCCTTTCTCTGGAGTGAACAGCTTC
 ACATCACCTGACCCTCACAAAGGTTTTGTCTTCTGCCAAGACTGAGTGTGACATTGAGGATGTGGAGT
 TTGCCCGATGCCTGCGGCTGCGCCAGACCTCCTTGGAGCCTGTTGCTTCCGGCTGCCCGGGTCAGAAA
 AGAATTCTCCAGGATGATGTGTTCCCGGACACAGCTGTGACCTGGGAGCCAGCACTCAGTGCCAAAGCC
 TGGTTTGGAGGTGCTAATGGACAGCCCCGGTACTGAGTTTGCAGCCCCCTGGCATGACCCAGTGGAC
 AGGCCCCCGTGAGGTCCCTGCCGAAGAGCCCCATCTCAGCACAATACTTGAAGAGAAGTCTGACCA
 ACAAAGAAAGAAGAGCTGCTGAATGCCATGGTAGCAAAGCTGGGGAACCGAGAAGACCCACTGCCACAG
 GACTCCTTTGAAGGGGTGGATGAAGATGAGTGGGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_030205
Insert Size:	2769 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_030205.4 , NP_084481.3
RefSeq Size:	3518 bp
RefSeq ORF:	2769 bp
Locus ID:	78885
UniProt ID:	Q9D2V7
Cytogenetics:	16 2.45 cM
Gene Summary:	F-actin regulator involved in anterograde Golgi to endosome transport: upon ubiquitination via 'Lys-33'-linked ubiquitin chains by the BCR(KLHL20) E3 ubiquitin ligase complex, interacts with EPS15 and localizes to the trans-Golgi network, where it promotes actin polymerization, thereby facilitating post-Golgi trafficking. May play a role in the maintenance of the Golgi apparatus morphology (By similarity).[UniProtKB/Swiss-Prot Function]