

Product datasheet for **MC211254**

Borcs6 (NM_028005) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Borcs6 (NM_028005) Mouse Untagged Clone
Tag: Tag Free
Symbol: Borcs6
Synonyms: 2310047M10Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211254 representing NM_028005
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGGCCGCCAGGGGCGGCTCGGGCCGAGCCGGAGCTTTCGGTCCGAGCTGAGCACCAGGCCGCGA
CTTTCAGCGGCAGGCCGTCCTCGAACGCCCTCGAAGCCGCCCTCAGTCCGGACGCTGTCCGGGAGGAAGA
GGCTGAGAGCGTTGGGGTCTCGAGCCGTCATCCCCGAGCGTCCCCAAAGACTTGGAGCGGCAGCATCGCC
CATGGGCCGGAGCTGGACTTGGGAGGACAAGCCGAGCTCCCGGGCGACGCCGTAGGGGCCCGGGGAC
GCCGGGGGTGCCAGGTTCCGAGCACGCCCCGCCCCCTCCTCCTGGTACCCGGAGCCGGAGCCAGCGA
GGATCAGCCCTCCGCTCTGAGGGTCTGCGCTCGAGGGAGCCCGAGGCGTCCGAGATGAATGTGGAGCTG
CCGACGCAAGAGGGTGACGACGACGACGAGGACGAAGAGGCGGCGGGGTAGGGCTGGCCGCTCCT
TCCCCAGCCGCTTCCAGGACAGCCGAGCCTGGACGGCTGAGTGGGGCGTGGGTGGAGGGGGTCTTC
ATCCAGTGGCGAGACCGGCGGGCGGAGGACGTCGCGCCACTATCTCCAGCCCTAGAGCTGGAGGGC
ACGGTGAGCCGCCACGGCGACCTTACTCACTTTGTGGCCAACAACCTACAACCTCAAGATCCGACTGAGT
GCGCCCCACCACCGTTCCCCCTGCCTCTGTGCGGCCCTGCCTAACGCCCGCACCCACCCACCATCCC
TCCATCGACCCGGACGTGCTGAGGGATCTGGAGCGGCTGAGTCGCGAGCTGGCGCGCCGGGTAGACCGT
CTGCTTCGCGGGTGGTGGTGCCTGCAAGAGCTGACAGCGTTGAGTGTGGGCTGTATCCAGACCTACC
GCGACGCGGTGGACTCCTTAGGTGAAGCGTGGACATGAGCATTAAAGGGCATGTACACCTTACTTGC
CTGCGAGGAGCTGGAACGGGCTTTGCAACCGGTTCAAGGGCTGGCACGCCAAGTCCGAGATATCCGACG
ACGCTGGAGGTGTGGAGGCCCTATGCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_028005



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Insert Size:	1083 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:	<u>NM_028005.3, NP_082281.2</u>
RefSeq Size:	1802 bp
RefSeq ORF:	1083 bp
Locus ID:	71923
UniProt ID:	<u>Q9D6W8</u>
Cytogenetics:	11 B3
Gene Summary:	As part of the BORC complex may play a role in lysosomes movement and localization at the cell periphery. Associated with the cytosolic face of lysosomes, the BORC complex may recruit ARL8B and couple lysosomes to microtubule plus-end-directed kinesin motor. [UniProtKB/Swiss-Prot Function]