

Product datasheet for MC201522

Borcs5 (NM_026371) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Borcs5 (NM_026371) Mouse Untagged Clone
Tag: Tag Free
Symbol: Borcs5
Synonyms: 5830457J20Rik; AW124643; Loh12cr1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC023059 sequence for NM_026371
GGCCAATCGGCGTCCCGGAAGGAGCGAGTGAAGCCACCGAGCCAGTGAATGACAGCAGCGCCGCCCGCT
GGTCGCGGCTGCAGCCCTGCCGGGTCCCGAGCCTCCTGTCAACGCGAGCGGCGTGTTCAGCGGCGC
CTCTCCAAGTGTCTGTGGCCAGCGGGGTCTCCCGCTCTCCCTAGCCTCTGCCCGGTGTCCCTCCGCT
TCAGGGGCCATGGGCAGCGAGCAGAGCGCGGAGGCCGAGAGCCGCCCGCGATCTGAACGCCTCAGTGA
CTCCATCTCCGGCTAAACATCGGGCCAAGATGGACGATATCGTGGTGGTAGCTCAGGGCTCTCAGGCCTC
ACGGAATGTCAGCAATGACCCCGATGTCATCAAGCTACAAGAGATTCCAACCTTCAGCCCTTTTAAAA
GGGCTCTTGAGTGGACAGACTTCCCAACCAATGCCAACTGGAGAAGCTAGACTCTCAGCAGGTGCTGC
AGCTCTGCCTCCGGTACCAGGATCACCTGCACCAGTGCAGAGGCGAGTGGCTTTCGATCAGAATGCTCT
AGTCAAGCGAATCAAAGAGATGGATCTGTCCGTGAAACCCTCTTTTGTTCATGCAGGAGCGCCAGAAA
AGATACGCCAAGTATGCAGAGCAGATCCAGAAGGTGAATGAGATGTCGGCCATCCTGCGCCGCATCCAGA
TGGGCATAGACCAGCGGTGCCACTGATGGAGCGGCTGAACAGCATGCTGCCAGAGGCTGAGCGCCTGGA
GCCCTTACAGCATGAAGCCTGAGCGGGAGCGGCACTAGCAGGCGCCTGCCTGCGCACACAGCTCCTCCAGC
CTTCCCCTGGGCCTGACGTTTGCTTAGATGTGTCTGACCCACATGGACTTCCCAGTGTGGTAGTCTTG
AGAACCGAAGTTGGGACAGTTGAATTTCCAGAAATCCTGTAAAGAACTTTGCATCAAGAGTTATTTTTAT
TTTGCCCCGATTGTTGAATTAAGGTGAAGTAGTCTAGCTACTGCAGTGAACTGTGGAGAAAATGCT
AAGGACCTGTTCTTTGGCGCCTCGTGAGACTTGACGCGAGGCTCTCTGATCTGTGGCTGTAACATAAG
TGCTGACTGGCTCCAGCAACTGTTGCTATGCATTGGCCCCATCATCAAGGAGGTATCTGGCACTGTC
TTCTGCCCTGCCAGAACACCATCTTTTGTGTTTTCCGGTACCAGCCCCATTTGTGGTCACTGGAAAC
TGAAGACTGCCGTCATGCACTCATGAAGGTGTTTCCATTAGAACCCTTTTCCATTAGAGCGCAGGCT
TCTGCCAGCCTGGCAGACCTTGGCTTCCATAACAAGTTTGCAGTACTGACTTGTCCCACCTCTCTCAT
GCGAGACCCTTGGCCCTCCACTGATGTGCCAGGAACACTAAAGAGGCGACGGAGCCTCTGCCCGCCTGC
CGACTGTAGGGCGTGAAGCTGGGAAAAGAGCTGTTGTGGAAGGAAGAGACGCAATAAGTGCAGGGGACGG
GCCTGAAGATAAGAGCTGGGTCTGAGGGGCTGTCAGGGCTGGGAGTCTACAGCCTCCCCTTCGTCCCTGT
GTTCTCCAGAAATCCAGAGAGATTCTGTCAGGTGTTAGAAGAGCCTCAGTGTTTTATAAGATTAATG
AATCTGATTAATAAAAAAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_026371
Insert Size:	588 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:	BC023059 , AAH23059
RefSeq Size:	1706 bp
RefSeq ORF:	588 bp
Locus ID:	67774
UniProt ID:	Q9D920
Cytogenetics:	6 G1
Gene Summary:	<p>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. Thereby, it may indirectly play a role in cell spreading and motility.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct N-terminus compared to isoform 1.</p>