

Product datasheet for **MC202173**

Bloc1s5 (NM_139063) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bloc1s5 (NM_139063) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bloc1s5
Synonyms:	1810074A19Rik; mu; Muted
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC023184 sequence for NM_139063

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>BC023184 sequence for NM_139063
GACCCACGCGTCCGCCACGCGTCCGCCACGCGTCCGGGACGCGTGGGGCGCCGTGGACGCCGCGGGT
GGGCGGAACCTGGTCGGGATGAGTGGCGGAGGCACCGAGACCCCTGTAGCGTGCGACGCCGCCAGGGCGG
CAAGAAGCGGGACTCACTGGGGACTCCGGGTGCGGCGCACCTCATTATCAAGGATCTTGAGAGATTTCAT
TCCAGGCTGCTGGATCACAGACCAGTTACCCAAGGTGAAATCCGTTACTTTGTAAAAAATTTGAAGAAA
AACGTGGCCTTCGAGAATTGCGCGTTCTTAAGAACTTGGAGAATACGATCCAGGAAACAAATGAGTGCCT
GCTTCCCAATGCAGAGAGACCATGGAGTGCGGCCTGGGGGAGACCCGTCAGAGATTGCAAGCAGCTAAC
GACTCCATCTGCAGACTCCAGCAGAGAGAACAGGAACGGAAAAAGGTGATTAATGACTACTTGACAGCTA
GTGAGAAGCGTCGTCTGGTCCAGTGGGAGGAGTTCGTGAGCGGACAGCCGACGCGCAGAGCTGAGGTGGA
CGAGGAGCACAGAAGAGCCGTGGAGAGGCTCCGAGAGCAGTATGCAGCAATGGAGAAGGACCTGGCCAAG
TTTTCCACCTTTTAAGACTTTGATCTAAAAGAGACAGATGAATGAGGAAGTGCTTTCTCATTCCCCCAAT
CCTCCCACCAACCATGTAGTCTCTCCTTCAAGCTTAGCAGTACACTCAGGGGCACCTTAGTCTGAAGA
GAGACACTGCCGGAGCCAGATACATGTCCAGTGGGAAGAAGCGTGCTTCTGCACCTAACTGTGGTCACTCTG
AAGGAGAGGAGGGCGGTGGGGCACATTTGCTGCTGGACAGATTTGATCTTTTCATTGATTAGCTTAGAGG
GCTGTGAGTGTAGATTTCTTCATTCATTCCACCAAGGGCAAAATGTTTGACCTTGTGGATTAATGGCAGG
TATGACAACTTCCCATCACAGCATCCTGTGACAGAGATACCACAGTGGGCTTTGAACGCTTGCTTGAGGA
CACCAGGTTTTGCAGTGAACACAGTGCCATGTCTTTCACTTTGTGACAAGACATTACATGACTGGTAGC
CTTGATGACACTTAATATTTTCATTTCTAAGCTATGCTTAGGAGAAAAACCAAAATGATTTTGACTTTT
TCCTCTCCAAGGACCATCATCTCGCCATAGAGCTCACCTTGCTCTCCGCTCCATTCGCTCTGGGCCAG
CGCTCCACGGAACAGTGTCTGTGCATGACTCAGCTGCGCAGTGAGTCCGGCAGCAGAGTCTGCCAAGTCCT
TCCCAGGCCGTGTAAGACGGGCTCTGGGTGGGCAGAAAGTGCTCGCCCACTGATGATGATGATCAGA
GGTAAACCCTCTTTGTCTTAGCATCCTTTCTCCAGCAGGCTTGTCGGATGGAACACCGCTGTCTACCAC
CACTGTAGTATTTCTGTGCCTGCACTTAGTCTAAGGAAGGACCACATCAAACGTCATTTGCTGTAAACTA
AACAAAGTCAAGCACTCATTTGAGATGCATAGCCTGTGCATTTGAGGTGTGGGTGGGTCTTTCTAGTATT
TCCTTCTCCTCAGTAAAGAAGGGTAAGGCAGAGAACCCCTAACTGTCGTGTTATCTCAGAATTCTCAATG
CAGACAATTGACAATGCGTGCCTGTGTAATGTACGTAATGTACGGCTGACTGTGAGAGCTTCGTTCTT
GGCTCATGCTGAAGTGGGATTAAGCTAATAGAAGAGATGAAATAAAAAAAAAAAAAAAAAAAA
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Restriction Sites:	RsrII-NotI
ACCN:	NM_139063
Insert Size:	558 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC023184 , AAH23184
RefSeq Size:	1811 bp
RefSeq ORF:	558 bp
Locus ID:	17828
UniProt ID:	Q8R015
Cytogenetics:	13 18.35 cM
Gene Summary:	Component of the BLOC-1 complex, a complex that is required for normal biogenesis of lysosome-related organelles (LRO), such as platelet dense granules and melanosomes. In concert with the AP-3 complex, the BLOC-1 complex is required to target membrane protein cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals. The BLOC-1 complex, in association with SNARE proteins, is also proposed to be involved in neurite extension. Plays a role in intracellular vesicle trafficking.[UniProtKB/Swiss-Prot Function]