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Product datasheet for MC219928

Bcas1 (NM_029815) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bcas1 (NM_029815) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bcas1
Synonyms:	2210416M21Rik; 9030223A09Rik; AI841227; NABC1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

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Fully Sequenced ORF:

>MC219928 representing NM_029815
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGAAACCAGATGAGCGTCCCACTAAGGCCTGGAGACCAGGAGCACGACCCAGGAGCAGACACTTGCA
AGGTGACGTCAGACAATGAGTGTGTTCAGAATGGGAACCCAGTTGTGCTGTCCACTCGTGTAATTCAACA
CTATGAGGAAGTCGACTTGGGAATCAGCAGCTCCAAGGATAATGTGGCTACTTCTTCCCCCAAGACAATG
GAGGCCCAGGCTGTGGGCGATGCCAGCGGAAAGAATCTTGGGAAAGAAGCCAAGACCAAGGCACCAGCTG
CTAGATCCCATTTTTTCTTGACACTCTCTCGGCCTGTACCAGGACGTCCCGGGGACCAAGGCACGGATTC
ATCGGCTGCATCAGGGAGGTTTGATGTCAGCCCAAGCGCAGCGCCTGAGAACAAAGACCCAAGTGAGCAC
GGGGCACTTCCGGTGGCAGCTGCACCAGGGCAGGCTCCAGATAAAACCCCAGGGTGCCCCGAGGCCAAGC
AGCAGACCCTCCCTGCCACCGGCCCATTGGCACCCTCACCACCTGAGTCCCAGGCAGAAGCCCCGGCCCA
GGACAAGGATTTCGGCTTTTTGAACAGATTCTTTAAACTGGACAAAGGAAGAGAAAGCGCGCCGGTGAAC
AGCCAGCCCAAAGAAGCGAAAGGCTCGGAAGACCCAGAACAGGCCACAGAGGCTCCTGCCGTGCCAGGGA
ATCCCCATGGTGTCTCTGCAGGGGAGGACATAGTCGACAGCGAGCAGAGAGGACAAGACGTTGACACTCT
GAGTTATTCTGTCCCTGGGGATCCAGAGGTGCCGGGGACCACGAAGGAGGACCCGCAGGTGGTCGATACC
ACAGAGAACAGCAGCTCCATCATGAGCTTCTTCAAGACACTGGTTTCACCTAACAAGACTGAAACAAAGA
AGGACCCAGAAGACACGAAGGCAACCAAGGCAGACAGTGTCTGTGATGGACACGCTGCTGGCCAGAAGAT
GTCGGAGACGCAGGCTAAAAGCAAGAAGAAGCGCCTGGACAGCCCCAGGCTAGGACTCTCCTTTAGAAAG
CTCTTTAGGCACAAGGATACTGAGAACTCACCCACGACTTCAGCCAATCTCAAGTCGGACAAAGCCAACT
TCACACCCCAGGAGACCCGAGGGAAGACAAAGGCTACCAAAAGCTGCAGCCCCCCACCGCCACCTCCTGA
ACCCACCAGCGAAGGGAGAGACAGCGGCAAGGAGAAGGCAGGGCCCACCTCACTACCGCTGGGAAAGTTG
TTTTGGAAGAAGTCAGTTAAGGAGGATACACTTTCCACAGGTGCAGAGGAGAACGCGGTGTGTGAGTCAC
CAGTAGAGACCGTAAGGCTTGAGGAAGTAGAATCCAGCTTACAAACTGTGGATCTCAGTGAAGAGACCCA
GCCTGAACCCACAGACGTAAAAGTCAAAGAAGAAAGCAAACCCCGGAAGACCCCTCTGATGGCGTTTCTC
AGACAAATGTCAGTGAGATCGAGCGAAGGGATCCCCCGCTCGGAAGAAAGTAACGTGAAAGACTCCAGCT
GCCAAACGTCAAACTCCGTGGAAAAGACGCCCTCACCCCCAGAGCCAGAGCCCGCGGGAACAGCTCAGAA
AAACAAGGAGACCTCCTCCTCGAAGGACAAGAAATCAGTGGACAAGAAGTCAGCGACTGAGAACAGCAAG
CAGAAGAACGGCAAACAGGAAGTCAGAGAGCCGGCGCCGTGTGTGCAGCCGCCCACAGTGGAGGCAAACG
CAATGCAGACTGGGGACAAGACCCCAAAGAAGTCTGAGAAGCGGCGACAGTCCCTCGGGGGCTTCCTGAA
GGGCCTGGGACCAAAGCGGATGTCGGATGCTCAGGTGCAAACGGACCCGGTCTCCATCGGACCAGTTGGA
AAATCCAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_029815

Insert Size: 1902 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_029815.2, NP_084091.2
RefSeq Size:	3090 bp
RefSeq ORF:	1902 bp
Locus ID:	76960
UniProt ID:	Q80YN3
Cytogenetics:	2 H3
Gene Summary:	Required for myelination.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.