

Product datasheet for **MC200424**

BC004853 (BC004853) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BC004853 (BC004853) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	BC004853
Synonyms:	MGC6965, MGC37592, MGC37548
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	<p>>BC004853</p> <pre> GGAGAGTTAATACTTGTGCAGGTGAGGCTGAGACGGCTTTGGGGCACCTTGACTCCAAAGCCCGAAGCCG CACATGCGGGGTTCTTTTTCTCGCGGCTTCCGCCGCAACTCTCTGCTGCTGCTGCTGCTGCTGAGGC GAGTCTGGACCCAGGAGGATATTGGAAGTCCCTTCTAAATCCCGGTGGCCCCGAATGCCCGAGGC ATGTTTCATGTTCACTAGGCGCAAGGCCAATTGCTCCGCACTCGCGCTGCCTGCGGTACAGCGGACCTG AGCTGGCAAGTACGCTCACTGCTGCTGGATCACAATCGCGTGAGCGCGCTGCCTCCGGTGCCTTCGCCA ATGCAGGCGCGTGTATACCTAGATCTGAGGGAGAACCAGGCTTCGGTGGTGCACGCACGAGCTTTCTG GGGTCTGGGAGTGTGCAATGGCTGGACCTGAGCTCCAACCAGCTGGAACTCTGCCTCCTGGCACCTTC GCGCCGCTGCGCGCTTAGTTTCTCCTCCCTAGCGGTAACCGGCTGGCACTCCTGGAGCCTTCGATCC TGGGCCGCTTCCATTACTGCGAGTGCTCAGCCTGCAGGACAATCACTATCGGCAATCGAGGCGGTTT GCTGAATAACTTGCTGCCCTCGATGTGTGCGTTGCATGGCAACCCCTGGACGTGCAACTGTGCGCTG CGTCCCCTTTGCACTTGCTGCGTAAGCACCCGCTCCAGCCTCAGAACTGAGACCCTGCTCTGCGTGT CTCCAAGACTCCAGACGCTCAGCCTACTGACAGCTTTTCCGGATGCCGCTTCAAACAGTCACTCAGTC ACTAGCAGCGGAGACCTGGCGGTGGTCTACGCTCTCGGGCCGGTCTCTTTCTTGTAGTTTGGCCATC TGCTGGCATTGGGCTCCGTGCTCACTGCTTGTGGTGCACGGCGCCGCCGCCGCCGCCACACGGTGC GCCACTTACTAAGGAGACAGCTAGACCCGAGGGCCACCCTCCCTGGAGGATGCTGGGAGCCCTGTAAC AGCAGCTATCCAAGCCTAAGGGGACTGCAGGTTGTTTCTAGTGTCTCTGAAGTGCCTCCGTACTTTGAGA ACTCTCCCCAAATCCCTGATCCTCCCTTACATTCCCTGTAGGCGTCAACAATAGACAAAACCCGGAAAA AAAAAAAAAA </pre>
Restriction Sites:	RsrII-NotI
ACCN:	BC004853
Insert Size:	996 bp



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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>BC004853</u> , <u>AAH04853</u>
RefSeq Size:	1201 bp
RefSeq ORF:	996 bp
Locus ID:	227618
Cytogenetics:	2 A3
Gene Summary:	Auxiliary protein of the large-conductance, voltage and calcium-activated potassium channel (BK alpha). Required for the conversion of BK alpha channels from a high-voltage to a low-voltage activated channel type in non-excitabile cells. These are characterized by negative membrane voltages and constant low levels of calcium (By similarity).[UniProtKB/Swiss-Prot Function]