

Product datasheet for RN211604

Gap43 (NM_017195) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gap43 (NM_017195) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Gap43
 Synonyms: Basp2
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN211604 representing NM_017195
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCTGTGCTGTATGAGAAGAACCAACAGGTTGAAAAGAATGATGAGGACCAAAAGATTGAACAAGATG
 GTGTCAAACCGGAGGATAAAGGCTCATAAGGCTGCAACCAAAATTCAGGCTAGCTTCGGTGGACACATAAC
 AAGGAAAAGCTCAAAGACGAGAAGAAGGGTGATGCACCAGCTGCTGAGGCCGAGCCAAGGAGAAGGAT
 GATGCTCCCGTTGCTGATGGTGTGGAGAAGAAGGAGGGAGATGGCTCTGCTACTACCGATGCAGCCCGAG
 CCACCAGCCCTAAGGCTGAGGAGCCAGCAAGGCAGGAGATGCACCTTCTGAGGAGAAGAAGGGCGAAGG
 GGATGCGGCCCTTCAGAGGAAAAGGCCGGCTCAGCTGAGACAGAAAGTCTGCTAAAGCTACCACTGAT
 AACTCGCCGCTCCTCAAGGCCGAAGATGGCCAGCCAAGGAGGAGCCTAAACAAGCCGATGTGCCTGCTG
 CTGTCACTGATGCTGCTGCCACCACCCCTGCTGCAGAGGATGCTGCCAAGGCAGCGCAGCCTCCAACGGA
 GACTGCAGAAAGCAGCCAAGCTGAGGAGGAGAAAGAAGCTGTAGATGAAGCCAAACCTAAGGAAAAGTGCC
 CGACAGGATGAGGGTAAAGAAGACCCCGAGGCTGACCAAGAACATGCC TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_017195
 Insert Size: 681 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:	NM_017195.3 , NP_058891.1
RefSeq Size:	1499 bp
RefSeq ORF:	681 bp
Locus ID:	29423
UniProt ID:	P07936
Cytogenetics:	11q21
Gene Summary:	may play a role in neurite outgrowth and nerve regeneration [RGD, Feb 2006]