

Product datasheet for **RN213195**

Gabpa (NM_001108841) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabpa (NM_001108841) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gabpa
Synonyms:	Nrf-2alpha; Nrf2a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213195 representing NM_001108841
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTAAGAGAGAAGCAGAAGAACTGATAGAGATTGAGATCGATGGGACTGAGAAACCGGAGTGCACAG
 AAGAAAGCATTGTGGAACAAACCTATGCCCCAGCTGAGTGTGTAAGCCAGGCCATAGACATCAATGAACC
 AATAGGCAATTTAAAGAAGCTATTAGAACCAAGACTGCAGTGCTCTTTGGATGCTCATGAAATTTGCCTA
 CAAGATATTCAGCTGGATCCAGACCGAAGTTTGTGGTCAAGGAGTGAAAAACAGATGGGACTGTACAGC
 TTAGTGTACAGGTAATTTCTTACCAAGGAATTGAACCAAGTTAAACATTCTTGAATTTGTTAAGACTGC
 AGAAACAGTTGAAGTGGTCATTGATCCAGATGCCACCATGCAGAAGCAGAAGCACATCTCGTTGAAGAA
 GCTCAAGTGATAACTCTTGACGGCACCAAGCATATCACAACCATTCAGATGAGACCTCAGAGCAAGTGA
 CGAGATGGGCCGCTGACTGGAAGGCTACAGAAAAGAGCAGGAGCGCCTCGGGATCCCCTATGATCCTAT
 ACAGTGGTCCACAGACCAAGTCTGCATTGGGTGGTTTGGGTAATGAAGGAGTTCAGCATGACTGATATA
 GACCTCACCACTCAACATTTTCGGGAAGAGAATTATGTAGTCTCAACCAAGAAGATTTTTTTCAGCGGG
 TCCTCGGGGAGAAATCTCTGGAGTCATCTGGAGCTTCTCGAAAATATGTTTTGGCAAGCCAAGAGCA
 ACAGATGAATGAGATAGTTACAATTGACCAGCCTGTGCAAATTATCCAGCATCAGTGCCTTCTGCTACG
 CCGACTACTATTAAGGTTATAAACAGTAGCGCAAAGGCAGCTAAAGTTCAAAGGTCCCAAGGATCTCAG
 GAGAAGATAGGAGCTCACCGGGGAACAGAACAGGAAACAATGGTCAGATCCAACATGAGCAGTTTTTGTCT
 TGAAGTCTTACTGACAAGGATGCTCGAGACTGTATTTCTGGGTTGGTATGAAGGGGAATTCAGGTA
 AATCAGCCTGAATTAGTTGCACAAAAATGGGGACAACGTAAAAACAAGCCTACAATGAACATGAGAAAC
 TTAGCCGTGCATTACGGTATTATTATGATGGGGACATGATTTGTAAGTTCAGGCAAGAGATTTGTGTA
 CAAATTTGTCTGTGACTTGAAGACTCTGATTGGATACAGTGCAGCGGAACCTGAACCGCTTGGTACAGAA
 TGTGAACAGAAGAAGCTTGCCAAGATGCAGCTCCACGGGATTGCTCAGCCAGTCACAGCCGTGGCCTGG
 CTGCTGCCTCTCTCCAGACAGAAAAGGACAATTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108841
- Insert Size:** 1365 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_001108841.1, NP_001102311.1
RefSeq Size: 4828 bp
RefSeq ORF: 1365 bp
Locus ID: 363735
Cytogenetics: 11q11