

Product datasheet for RC212837

GABPB2 (GABPB1) (NM_181427) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GABPB2 (GABPB1) (NM_181427) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GABPB2
Synonyms:	BABPB2; E4TF1; E4TF1-47; E4TF1-53; E4TF1B; GABPB; GABPB-1; GABPB2; NRF2B1; NRF2B2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC212837 representing NM_181427 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTGGTAGATTTGGGAAAGAAGCTTTTAGAAGCGGCACGAGCAGGTCAAGATGATGAAGTTCGTA
TTTTGATGGCAAATGGAGCTCCCTTTACTACAGACTGGCTGGAACTTCTCCACTTCATCTAGCAGCACA
GTATGGTCATTATCCACCACAGAGGTACTGCTGCGAGCTGGTGTGAGCAGAGATGCCAGAACCAAAGTG
GACCGAACACCATTACATATGGCAGCTTCTGAGGGCCATGCCAGCATAGTAGAGGTTTTACTTAAGCATG
GTGCTGATGTCAATGCAAAGGACATGTTAAAGATGACAGCTCTCCATTGGGCCACAGAACAATCATCA
AGAGGTGGTGGAACTTTAATCAAATATGGTGTGATGTACACACGCAAAGTAAATTTGTAAAACCTGCA
TTTGATATTTCAATAGACAATGGAAATGAAGATTTAGCAGAGATATTACAGATTGCTATGCAGAACCAAA
TCAACACAAAACCCAGAGAGTCTGACACTGTGACAATACATGCTGCAACACCACAGTTTATCATTGGACC
TGGAGGGGTGGTGAACCTAACAGATGAAACGGGTGATCTGCTGTTCAAGTTTGGAACTCTTCTACATCA
GTATTAGCTACATTAGCTGCCTTAGCTGAAGCATCTGCTCCATTGTCCAATCTTCAGAACTCCAGTAG
TGGCCACAGAAGAAGTAGTTACTGCAGAATCTGTGGATGGTGCATTAGCAAGTAGTTAGTTCAAGGGG
TCAGCAAGTCATCACAATAGTTACAGATGGAATTCAGCTTGGAAATTTGCACTCTATTCCAACCAAGTGA
ATTGGTCAGCCCATTTGTGACCATGCCAGATGGACAACAAGTATTAACAGTACCAGCAACAGACATTG
CTGAAGAACTGTTATAAGTGAAGAACCACAGCTAAGAGACAATGTATCGAAATAATTGAAACCGGGT
GGAATCTGCAGAAATAGAAGTAAGGAGTCTTTACCCGGTGTGCTTTGCCGAGTCATCCAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_181427.3](#), [NP_852092.1](#)

RefSeq Size: 1646 bp

RefSeq ORF: 1047 bp

Locus ID: 2553

UniProt ID: [Q06547](#)

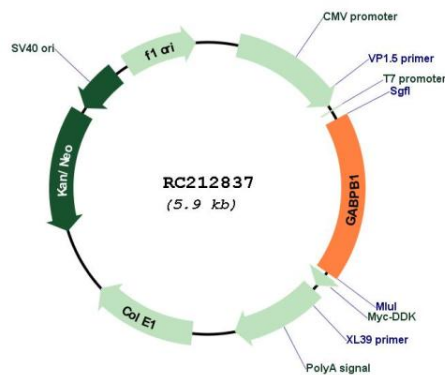
Cytogenetics: 15q21.2

Protein Families: Transcription Factors

MW: 36.9 kDa

Gene Summary: This gene encodes the GA-binding protein transcription factor, beta subunit. This protein forms a tetrameric complex with the alpha subunit, and stimulates transcription of target genes. The encoded protein may be involved in activation of cytochrome oxidase expression and nuclear control of mitochondrial function. The crystal structure of a similar protein in mouse has been resolved as a ternary protein complex. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC212837