

Product datasheet for **MG204424**

Hnrpab (BC043069) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrpab (BC043069) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Hnrpab
Synonyms:	3010025C11Rik; CBF-A; Cgbfa; Hnrpab
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204424 representing BC043069 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGACGCGGCTGAGGAGCAGCCCATGGAGACGACGGGCGCCACCGAGAACGGACACGAGGCCGCC
CCGAAGGCGAGGCCCGGTGAGCCAGCGCGGCTGCCGCGGCCCGCGGCTCGGCCGGGTCTGGGG
CGGGACCACGACCGCACCAGCGGGAACGAGACGGCGGGAGGGCGACCAGATCAACGCCAGCAAGAAC
GAGGAGGACGCGGAAAAATGTTCTGTTGGTCTGAGCTGGGATACCAGCAAAAAGACTTAAAGGATT
ATTTTACTAAGTTGGAGAGTTGTTGACTGTACAATAAAAATGGATCCCAACACTGGACGATCAAGAGG
GTTTGGGTTTATTCTCTTCAAAGATTCTCTAGTGTGAAAAGGTCTTAGATCAGAAGGAGCACAGGCTG
GATGGTCTGTCATTGACCCATAAAAGGCTATGGCTATGAAGAAGGACCCCTGTGAAGAAAATCTTTGTGG
GAGGTCTAAACCCCTGAAGCCACAGAGGAAAAGATCAGAGAATACTTCGGCCAGTTTGGGGAGATTGAGGC
CATTGAGCTTCCAATAGATCCCAAGTTGAACAAAAGACGGGTTTTGTTTTATTACATTTAAAGAGGAA
GATCCTGTGAAGAAAGTTCTGGAGAAGAAATTCATACTGTCAGTGAAGCAAGTGTGAAATCAAGGTTG
CCCAGCCAAAGAGGTGTATCAGCAACAGCAGTATGGCTCTGGGGCAGAGGAAATCGCAATCGAGGGAA
CCGAGGCAGTGGTGGAGGTGATCAGCAACAGCAGTATGGCTCTGGGGCAGAGGAAATCGCAATCGAGGGAA
GGCTACCAGCAGGGCTACGGGCCGGCTATGGCGGCTACGACTACTCGCCCTATGGCTATTACGGCTACG
GCCCGGCTACGACTACAGTAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204424 representing BC043069
 Red=Cloning site Green=Tags(s)

```
MSDAEEEQPMETTGATENGHEAAPEGEAPVEPSAAAAAPAASAGSGGGTTTAPSGNQNGAEGDQINASKN
EEDAGKMFVGGLSWDTSKKDLKDYFTKFGVVDCTIKMPNTGRSRGFGFILFKDSSSVEKVL DQKEHRL
DGRVIDPKKAMAMKKDPVKKIFVGGLNPEATEEKIREYFGQFGEIEAIELPIDPKLNKRRGFVFITFKEE
DPVKKVLEKKFHTVSGSKCEIKVAQPKEVYQQQYQYVSGGGRGNRRGNRGSGGGQSQSWNQYGYWYWNQGY
GYQQGYGPGYGGYDYSPLYGYGYGPGYDYSK
```

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: BC043069

ORF Size: 933 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [BC043069.1](#)

RefSeq Size: 2027 bp

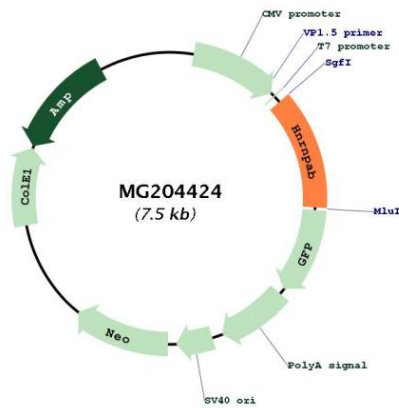
RefSeq ORF: 935 bp

Locus ID: 15384

Cytogenetics: 11 B1.3

Gene Summary: This gene encodes a protein with consensus RNA binding domains present in a number of other RNA binding proteins and a glycine-rich C-terminus. This gene overlaps in a tail-to-tail orientation the gene encoding alanine-glyoxylate aminotransferase 2-like 2. Some of the exons of this gene are interspersed with exons of alanine-glyoxylate aminotransferase 2-like 2. Two alternatively spliced transcript variants that encode distinct proteins have been described for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for MG204424