

## Product datasheet for **RR213545**

### Aagab (NM\_134398) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Aagab (NM\_134398) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Aagab  
**Synonyms:** P34  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR213545 representing NM\_134398  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCTGCCGGTGTTCCTTGTGCGCTGGTACCAGCTGCTCCGCCACCTCACCGGGACCGGTGGTGC  
AACATATCCTTGAACAGAAGATGCTGTTGTGGAAGCGACTTCCAGCGATGCTGTGAGGTTTTACCCCTG  
GACCATCGATAACAAGTACTACTCTGCAGAGGTCAACCTGTGTGGTGCCAAGCAAGTGCCGGGTCCT  
GCCGAGATCGCAGAGGCAGTCCAGGCGTTTGTAGTTTACTTTGATAGCACACAGAAATCAGGTCTTGACA  
CGGTCTCCTCGTGGCTTCTCTGGCAGAAACATGGCTGCCTGAGGTGATGATCCTGGTCTGTGATAGAGT  
GTGTGAAGATGGAATAAACCCGACAACAGGCTCAAGAGTGGTGCATCAAACATGGCTTTGAGCTGGTGGAG  
CTCTGCCAGAGGAGCTACCTGAGGAGGACGATGACTTCCCTGAATCTACAGGCGTAAAGCGGATTGTAC  
AAGCATTGAATGCCAATGTCTGGTCCAATGTCGTGATGAAGAATGACAGGAGCCAGGGCTTACGCCCTTCT  
CAACTCACTGGCTGGAGCAAGCCGACGCGTTGGATCAGCAGAGAGCTGTCAGTGTGAGCAGGAGCCATCA  
CCAACAGCTGAGAGGACAGAGTCCCTCCCCGGGCATCGCAGTGGCGCGTGTGGCCAGCAGGTGCACAGG  
TTGACAGCATTGTTGACCCATGTTAGACCTGGATATTCAAGAATTAGCCAGTCTTACCCTGGAGGAGG  
GGATCTGGAGAACTTTGAGAGACTCTTTTCAAAGTTAAAAGAAATGAAAGACAAGGCTGCGACGCTTCTCT  
CATGAGCAAAGAAAGTTGCATGCAGAAAAGGTGGCCAAAGCCTTCTGGATGGCAATAGGGGGAGACCGAG  
ATGAGATCGAGGGCCTTTCTTCTGATGACGAGCAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR213545 representing NM\_134398  
 Red=Cloning site Green=Tags(s)

MAAGVPCALVTSATFTGDRLVQHILGTEDAVVEATSSDAVRFYPWTIDNKYSAEVLNLCVVPKCRVT  
 AEIAEAVQAFVVYFDSTQKSGLDVSSWLPLAETWLPVEMILVCDRVCEGDGINRQQAQEWCIKHGFELVE  
 LCPEELPEEDDDFFPESTGVKRIVQALNANVWSNVVMKNDRSQGFLLNSLAGASRSVGSASECQCEQEPS  
 PTAERTESLPGHRSGACGPAGAQVDSIVDPLMLDLDIQELASLTGGDLENFERLFSKLEKMKDKAATLP  
 HEQRKLHAEKVAKAFWMAIGGDRDEIEGLSSDDEH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

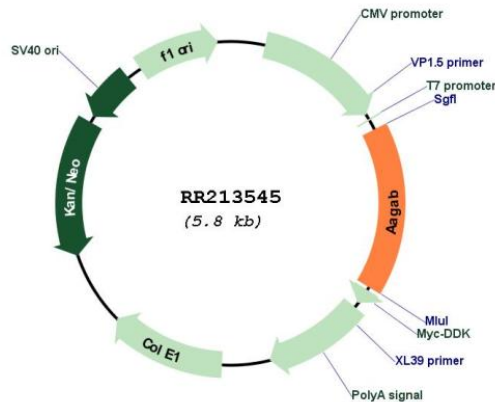
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_134398

**ORF Size:** 945 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_134398.2</a> , <a href="#">NP_599225.1</a>
<b>RefSeq Size:</b>	1087 bp
<b>RefSeq ORF:</b>	948 bp
<b>Locus ID:</b>	171435
<b>UniProt ID:</b>	<a href="#">Q9R0Z7</a>
<b>Cytogenetics:</b>	8q24
<b>MW:</b>	34.4 kDa
<b>Gene Summary:</b>	interacts with both alpha-adaptin and gamma-adaptin [RGD, Feb 2006]