

Product datasheet for **RN203890**

Ajuba (NM_053503) Rat Untagged Clone

Product data:

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|--------------------|--------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Ajuba (NM_053503) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ajuba |
| Synonyms: | Jub |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN203890 representing NM_053503
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCGGTTAGGGGAGAAAGCCAGTCGTCTGCTAGAAAAGTTGAGACTTTCGGACTCCGGCAGCGCCA
 AGTTCGGCCGCAGAAAGGGCGAAGCGAGCCGGTCTGGGTCTGATGGGACCCCGGAGCAGGCAAGGGACG
 CCTGAGTGGGCTAGGGGACCTAGGAAATCAGGACACCGAGGAGCGAATGGGGGGCTGGGGATGAAGCT
 TTGAACCGGCCAGGGAGCAAGGGCCCTGGACGCCGAGCGAACGCACGCGGCTCCTTTGAAGCGCAGC
 GCTTGAAGGGTCTTTCCCGGGGGCCGCCGCCACTCGAGCCTTGCCTCTGCCCTGTCGTCGCCTCC
 TGATTTTCGGTTGGAGACCAGGCTCCAGCCCTTAGCCCTCGCTCCAGCTTCGCCAGTAGCTCGGCCAGC
 GATGCGAGCAAGCCATCCAGCCCCGGGGCAGCCTGCTGCTGGACGGAGCGGGGCCAGCGGAGCCGGTG
 GTAGCCGCCCGTGCAGCAATCGGACCAGCGGCATCAGCATGGGCTACGACCAGCGCCACGGGAGCCCGCT
 GCCTGCGGGGCCGTGCCTATTTGGCCTCCCCCTGACCCTGCTCCTTCGGGCTACTCCTCCGGAGGGTT
 CCATCCGCCTATCCGGAATCCAGCTGCCTCGACCGACTATGCGCTCATCGGCCGGTGGGTTTCGGCT
 GCCAGGAGAGCCGTCCTTACCCCCGGCCCTGGGCAGCCCCGGAGCTCTAACCGGAGCCGTGGTGGG
 AACAGCGGGTCTTTGGAGAGACGTGGGACGCAACCCGGACGTCCTCGTTACGGGCTACGGGGACTGC
 GCCCGGGAGCCCGTTACCAGGACGAGCTAACAGCACTGCTGCGTTTGACGGTGGCTACCGGTGGGCGAG
 AAGCCGGTGCCTCGGGGAAACCTTGGGGATTGAGCCGTGGGTCTGGAGGATCTCCTGGTTCCTTCGT
 TCCAGAGCCCTCCCGATCCCGGATACGGGAGCCAGAGGCCAGAGAAGATTACTTTGGCACCTGTATCAAG
 TGCAACAAAGGTATCTATGGGCAGAGCAATGCCCTGCCAGGCCCTGGACAGCCTCTACCACCCAGTGCT
 TTGTCTGCTCCTGTGGACGAACTTTGCGGTGCAAGGCTTTCTACAGCGTCAACGGCTCTGTCTACTG
 TGAGGAAGATTATCTGTTTTAGGGTTTCAGGAGCAGCTGAGAAGTGCTGTGTCTGTGGCCACTTGATT
 CTAGAGAAGATCCTCCAGCCATGGGGAAGTCTATCATCCAGGCTGCTCCGGTGCATCGTTTGAACA
 AGTGCCTGGACGGCGTCCCTTCACTGTGGACTTCTCCAACAGGTGACTGTGTGACTGACTACCACAA
 AAATTACCCCCGAAATGTGCAGCCTGTGGACAGCCATCCTCCCTCAGAGGGCTGTGAGGACATTGTG
 AGGGTGATATCCATGGACCGTATTACTTTGAGTGTACCCTGTGAGGACTGCCGATGCAGCTGA
 GTGACGAGGAAGTTGCTGCTGTTCCCTTACGGACATTTGCTCTGCCACGGCTGTCACATGCAGCG
 CCTCAGTGCCCGACAGCCCCCTACCAACTATAT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053503
- Insert Size:** 1647 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_053503.1](#), [NP_445955.1](#)

RefSeq Size: 3261 bp

RefSeq ORF: 1647 bp

Locus ID: 85265

UniProt ID: [Q5U2Z2](#)

Cytogenetics: 15p13

Gene Summary: cytoplasmic LIM protein that binds glial glutamate transporter GLT-1 and is proposed to allow glial glutamate transporter GLT-1 to regulate intracellular signaling or interact with the cytoskeleton [RGD, Feb 2006]