

Product datasheet for MC213174

E330009J07Rik (NM_175528) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: E330009J07Rik (NM_175528) Mouse Untagged Clone
Tag: Tag Free
Symbol: E330009J07Rik
Synonyms: AI841796; Lchn; mKIAA1147
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC213174 representing NM_175528
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGGAGCAGGGAGACGGCGCCGCTGCTGCGCTGGGCCGAGGGCCCCGGGTCTCTGTGCCGAGG
ACCCCGCGCTGCAAGCTGGAGGATGGGTCGGGGCGGCAGTGGGAGGGCCGAGTGGCCGCGAGGGCCG
CCGAAGCGGGAAACCCGACGAGCCAGCTCCCCCGAAGTCTGCTGCAGCCGGGGCCCTAGAGCTAGGC
GACGTAGAGGAGGACCAGGTGGTGGCCGTGTCGTGGTACCTTCGATCCCTCGCTCCGAAACATGGTAG
AATGGTGCTTACCTCAAGATATTGACCTTGAAGGTGTTGAGTTCAAGTCTATGGCCAGCGGGTCCATAA
AGTTCACTGCTGATTTTCTATTTTCGGAAGGGTCCCTTCTTTGGCCTGGCCTGCTTTGCCAACATGCC
GTGGAGAGCGAGCTGGAGCGAGGCGCTCGGATGAAGTCTGTGGGCATCCTCTCTCCATCCTACACCCTGC
TCTACCGCTACATGCACTTTTTGGAGAACCAGGTTTCGACACCAGCTGGAGATGCCAGGACATTACTCTCA
TCTGGCTGCACTTATGAAGACAAGAAAGGGTGTCCACGCTGGCCCCGGGAGGGGTGGCAGCTTGCCA
CCTGTCTACTGGTTGCCTTCTATTCACCGCTATATGTATCCAGAGATGAAGATCACACACCCTGCTGGT
GTATGCTCAGTTTATTAAGTTCTTTGGAGAACAGATCCTATTCTTTGGAAGTTCGCCTTACTTCGAAA
GCGCATTCTGATTTTTCTCCCCACCTGTGGGTGTCGTGTGCTATAGAGTGTACTGTTGCTGTTGTCTG
GCCAATGTGTCCCTGCCTGGCATTGGGGCACCATCCCTGAGTCCAAGCCTTTCTCTATGTGAACGTGG
CTGACATTGAGAGCCTGGAAGTTGAGGTGCTCTATGTAGCCTGTACCACAGAGAAGATATTTGAAGAGAA
GCGTGAGCTGTACGATGTGTACGTGGACAACAGAATGTAAGACACACCATGACCACCTGCAACCCCTG
CTGAAGATCAACAGTGCAGACAGGGAGAAGTACCGTCGGCTCAATGAGCAGAGGCAGATGCTGTTGACT
CCCAGGAAGTTGAAGGAGACTACAGCCCATGTGAAGAGGACCTCTTTGTGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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|-------------------------------|---|
| ACCN: | NM_175528 |
| Insert Size: | 1176 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: | <ol style="list-style-type: none">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: | <u>NM_175528.4</u> , <u>NP_780737.1</u> |
| RefSeq Size: | 1951 bp |
| RefSeq ORF: | 1176 bp |
| Locus ID: | 243780 |
| UniProt ID: | <u>Q3UHG7</u> |
| Cytogenetics: | 6 B1 |
| Gene Summary: | May play a role in neuritogenesis, as well as in neuronal recovery and/or restructuring in the hippocampus following transient cerebral ischemia.[UniProtKB/Swiss-Prot Function] |