

Product datasheet for **MC211372**

Cnih3 (NM_001160212) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cnih3 (NM_001160212) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cnih3
Synonyms: 2900075G08Rik; CNIH-3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211372 representing NM_001160212
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCTTCACTTTTCGCTGCTTTCTGCTACATGCTGTCCCTGGTCTCTGCGCTGCGCTCATCTTTTTCG
CTATCTGGCACATAATCGCCTTTGACGAGCTAAGAACGGATTTCAAGAGTCCCATAGACCAGTGCACCC
GGTTCATGCGAGAGAACGGCTGAGGAACATCGAACGCATCTGCTTCTTCTGAGAAAGCTGGTGCTGCC
GAGTACTCTATCCACAGCCTCTTCTGCATCATGTTCTGTGCGCTCAGGAGTGGCTCACCTGGGACTCA
ATGTTCTCTGCTTTTCTATCACTTCTGGAGCATGATTTACACCTTAGTGAGCTCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001160212

Insert Size: 339 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).



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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_001160212.1](#), [NP_001153684.1](#)

RefSeq Size: 2526 bp

RefSeq ORF: 339 bp

Locus ID: 72978

UniProt ID: [Q6ZWS4](#)

Cytogenetics: 1 H4

Gene Summary: Regulates the trafficking and gating properties of AMPA-selective glutamate receptors (AMPA receptors). Promotes their targeting to the cell membrane and synapses and modulates their gating properties by regulating their rates of activation, deactivation and desensitization (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) uses an alternate in-frame splice junction at the 3' end of an exon and lacks an alternate in-frame exon compared to variant 1. The resulting isoform (3) has the same N- and C-termini but is shorter compared to isoform 1.