

Product datasheet for **MC210265**

Aurkaip1 (NM_025338) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aurkaip1 (NM_025338) Mouse Untagged Clone
Tag: Tag Free
Symbol: Aurkaip1
Synonyms: 0610033H09Rik; Aip; Akip; MRP-S38
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210265 representing NM_025338
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTCTGGCGCCTGACTTCACGGCTGCCAGGACTGTTGTTCCCTGGCAGGTTTCAGTCGTTCT
 GCCCTGGCTCCGGGTGATTGGCAGCTATGCTTTTCGACCCTTTACAGTTTGCAGCCTGCAAGCCCAAG
 TCGGGCTGCCTCCCTCCCTGGTAAGAGGACCCAGTCAGAGCTTGAGGAGTTCCTGGTCCCAGGAAGATG
 GCCATCAGTCCTCTAGAGAGCTGGCTGACTGCTCAATACTTATTGCCAGACGGAATGTCGAGGTCCCAG
 TGA CTCTGGCTCCCTCCAGTTCTACGAATGTCCACCTAGGCAGGGGGAGGAGGAAGCCAGCAGGGAGT
 CAGGGAAGCCTGGGATGCCACTCCAGTGCAGTGCAAAAACGTGCTGAAGATCCGAAGCGCAAGATGAAC
 CACCACAAGTACCGTAACTGGTCAAAGGACCCGGTTTCTACGTCGCAAGGTCCGGGAAGGACGTTTGA
 AGAAGAAGCAGATCAAATTTGAGAAAGACTTGAAGCGCATCTGGCTTAAGGCAGGCTGAAGGAAGCCCC
 TGAGAACTGGCAGACCCCGAAGATCTACCTGAAGAACAATAA

ACGCGTACGCGCGCCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_025338
Insert Size: 603 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).



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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_025338.4</u> , <u>NP_079614.1</u>
RefSeq Size:	1209 bp
RefSeq ORF:	603 bp
Locus ID:	66077
UniProt ID:	<u>Q9DCJ7</u>
Cytogenetics:	4 87.55 cM
Gene Summary:	May act as a negative regulator of Aurora-A kinase, by down-regulation through proteasome-dependent degradation.[UniProtKB/Swiss-Prot Function]