

## Product datasheet for **MC212108**

### Jkamp (NM\_024205) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Jkamp (NM\_024205) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Jkamp  
**Synonyms:** 1200003C05Rik; 2310047L11Rik; Jamp  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212108 representing NM\_024205  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGC**C

ATGGCTGTCGATATTCAACCAGCATGCCTTGGACTCTACTGTGGGAAGACCCTATTATTTAAAAATGGCT  
CAAGTGAATCTATGGAGAATGTGGGTATGCCAAGAGGACAGAGGACCAATGCACAGAAGTACTGTCA  
GCCTTGCACAGAGTCCCAGAACTTTACGACTGGCTCTATCTGGGCTTTATGGCTATGCTTCCTCTTGTT  
CTGCATTGGTTCTTCATTGAATGGTACTCGGGGAAAAAGAGCTCCAGTGTCTTTTCCAGCACATCACCC  
CGCTCTTTGAATGCACCATGGCAGCTATCATCACCTTACTCGTGAGTGATCCCGTGGGCGTCTTTACAT  
CCGTTCCCTGCCGCTTCTGATGCTTTCTGATTGGTACACGATGCTCTACAACCCAAGTCCAGATTACGTC  
ACCACGGTGCCTGCACTCACGAAGCCGTCTACCCACTGTACACCATCGTGTTCGTTTATTACGCGTTCT  
GCTTGGTGTTAATGATGCTTCTGCGCCCTCTCTGGTGAAGAAGATCGCATGCGGACTCGGCAAGTCTGA  
CCGCTTCAAAAGTATTTACGCAGCTCTTACTTCTTCCCACCTGACCCTGCTGCAGGCGGTGGTGGG  
GGCCTCTATATTACGCCTTCCCGTACATTATATTAGTGTTATCTCTGGTTACCCTGGCTGTATACATGT  
CTGCTTCTGAAATAGAGAACTGCTATGATCTCCTGGTCAGGAAGAAAAGACTTATCGTTCTCTTCAGCCA  
CTGGCTACTGCACGCCTATGGCATAGTCTCCATCTCCAGAGTGGACAGGCTGGAACACGACCTACCCTT  
TTGGCTTTGGTACCTACACCAGCTCTGTTTTACTGTTTACTGCAAAATTTACCGAACCATCACGGATAC  
TCTCAGAAGGGCCAATGGACAT**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_024205  
**Insert Size:** 936 bp



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<b>OTI Disclaimer:</b>	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).
<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_024205.2</a> , <a href="#">NP_077167.1</a>
<b>RefSeq Size:</b>	1976 bp
<b>RefSeq ORF:</b>	936 bp
<b>Locus ID:</b>	104771
<b>UniProt ID:</b>	<a href="#">Q8BI36</a>
<b>Cytogenetics:</b>	12 C3
<b>Gene Summary:</b>	<p>May be a regulator of the duration of MAPK8 activity in response to various stress stimuli. Facilitates degradation of misfolded endoplasmic reticulum (ER) luminal proteins through the recruitment of components of the proteasome and endoplasmic reticulum-associated degradation (ERAD) system.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>