

Product datasheet for MC226924

Jkamp (NM_001205067) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Jkamp (NM_001205067) 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: >MC226924 representing NM_001205067
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGGATCGCC

ATGGCATGCCTTGGACTCTACTGTGGGAAGACCCTATTATTTAAAAATGGCTCAAGTAAAATCTATGGAG
 AATGTGGGGTATGCCAAGAGGACAGAGACCAATGCACAGAAGTACTGTGAGCCTTGCACAGAGTCCCC
 AGAACTTACGACTGGCTCTATCTGGGCTTTATGGCTATGCTTCTCTTGTTCGATTGTTCTTCATT
 GAATGGTACTCGGGGAAAAAGAGCTCCAGTGCTTTTTCCAGCACATCACCGCGCTCTTTGAATGCACCA
 TGGCAGCTATCATCACCTTACTCGTGAGTGATCCCGTGGGCGTCTTTACATCCGTTCTGCCGCGTTCT
 GATGCTTTCTGATTGGTACACGATGCTCTACAACCAAGTCCAGATTACGTACCCACGGTGCACCTGCACT
 CACGAAGCCGTACCCACTGTACACCATCGTGTTTCGTTTATTACGCGTCTGCTTGGTGTAAATGATGC
 TTCTGCGGCCTCTCCTGGTGAAGAAGATCGCATGCGGACTCGGCAAGTCTGACCGCTTCAAAAAGTATTTA
 CGCAGCTCTTACTTCTCCCCATCCTGACCGTCTGCAGGCGGTCCGGTGGGGCCCTCTTATATTACGCC
 TTCCCGTACATTATATTAGTGTATCTCTGTTACCCTGGCTGTATACATGTCTGCTTCTGAAATAGAGA
 ACTGCTATGATCCTCTGGTCAGGAAGAAAAGACTTATCGTTCTCTTCAGCCACTGGCTACTGCACGCCTA
 TGGCATAGTCTCCATCTCCAGAGTGGACAGGCTGGAACACGACCTACCGCTTTTGGCTTTGGTACCTACA
 CCAGCTCTGTTTTACTGTTTACTGCAAATTTACCGAACCATCACGGTACTCTCAGAAGGGGCCAATG
 GACATTGA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001205067
Insert Size: 918 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001205067.1</u> , <u>NP_001191996.1</u>
RefSeq Size:	1958 bp
RefSeq ORF:	918 bp
Locus ID:	104771
UniProt ID:	<u>Q8BI36</u>
Cytogenetics:	12 C3
Gene Summary:	<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 (2) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>