

## Product datasheet for **SC335344**

### JKAMP (NM\_001284201) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	JKAMP (NM_001284201) Human Untagged Clone
Tag:	Tag Free
Symbol:	JKAMP
Synonyms:	C14orf100; C24orf100; CDA06; HSPC213; HSPC327; JAMP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335344 representing NM_001284201. Blue=Insert sequence Red=Cloning site Green=Tag(s)

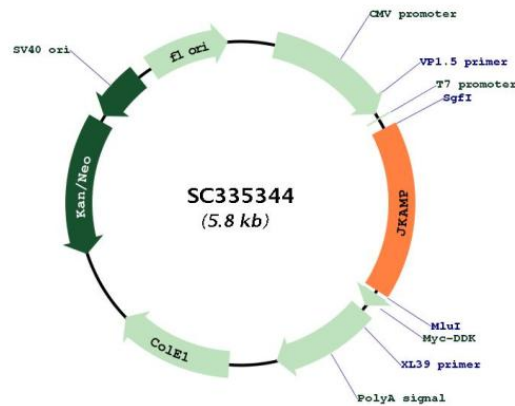
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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGGATCGCC
ATGAAAGGAGAAATCAACAGTCGCTTGGAGCCTGGGTTTTGCTTACTGTGATATTCAACCAGCATGC
CTTGGACTTTATTGTGGGAAGACCCTATTATTTAAAAATGGCTCAACTGAAATATATGGAGAATGTGGG
GTATGCCCAAGAGGACAGAGAACGAATGCACAGAAATATTGTCAGCCTTGACAGAAATCTCCTGA
TATGATTGGCTCTATCTGGATTATGGCAATGCTTCCTCTGGTTTTACATTGGTTCTTCATTGAATGG
TACTCGGGGAAAAAGAGTCCAGCGCACTTTTCCAACACATCACTGCATTATTTGAATGCAGCATGGCA
GCTATTATCACCTTACTTGTGAGTGATCCAGTTGGTGTCTTTATATTTCGTTTCATGTCGAGTATTGATG
CTTTCTGACTGGTACACGATGCTTTACAACCAAGTCCAGATTACGTTACCACAGTACACTGTACTCAT
GAAGCCGTCTACCCACTATATACCATTGTATTTATCTATTACGCATTCTGCTTGGTATTAATGATGCTG
CTCCGACCTCTTCTGGTGAAGAAGATTGCATGTGGGTTAGGGAAATCTGATCGATTTAAAAGTATTTAT
GCTGCACCTTACTTCTCCCAATTTTAACCGTGTTCAGGCAGTTGGTGGAGGCCTTTTATATTACGCC
TTCCCATACATTATATTAGTGTTATCTTTGGTACTCTGGCTGTGTACATGTCTGCTTCTGAAATAGAG
AACTGCTATGATCTTCTGGTCAGAAAGAAAAGACTTATTGTTCTCTTCAGCCACTGGTACTTTCATGCC
TATGGAATAATCTCCATTTCCAGAGTGGATAAACTTGAGCAAGATTTGCCCTTTTGGCTTTGGTACCT
ACACCAGCCCTTTTTACTTGTTCAGTCAAAAATTTACCGAACCTCAAGGATACTCTCAGAAGGAGCC
AATGGACACTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTCGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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## Plasmid Map:



ACCN: NM\_001284201

Insert Size: 978 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:

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\\_001284201.1](#)

RefSeq Size: 2952 bp

RefSeq ORF: 978 bp

Locus ID: 51528

UniProt ID: [Q9P055](#)

Cytogenetics: 14q23.1

**Protein Families:** Transmembrane

**MW:** 36.8 kDa

**Gene Summary:** 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 (By similarity).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (3) uses an alternate splice site in the 5' coding region and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (3) is longer and has a distinct N-terminus, compared to 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.