

## Product datasheet for **SC334508**

### JKAMP (NM\_001284204) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	JKAMP (NM_001284204) 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:	>NCBI ORF sequence for NM_001284204, the custom clone sequence may differ by one or more nucleotides

```
ATGGCTGTCGATATTCAACCAGCATGCCTTGGACTTTATTGTGGGAAGACCCTATTATTTAAAAATGGCT  
CAACTGAAATATATGGAGAATGTGGGTATGCCCAAGAGGACAGAGAACGAATGCACAGAAATATTGTCA  
GCCTTGACAGAAATCTCCTGAACCTTATGATTGGCTCTATCTTGGATTTATGGCAATGCTTCCTCTGGTT  
TTACATTGGTTCTTCATTGAATGGTACTCGGGAAAAAGAGTTCCAGCGCACTTTTCCAACACATCACTG  
CATTATTTGAATGCAGCATGGCAGCTATTATCACCTTACTTGTGAGTGATCCAGTTGGTGTCTTTATAT  
TCGTTTCATGTCGAGTATTGATGCTTCTGACTGGTACACGATGCTTTACAACCCAAGTCCAGATTACGTT  
ACCACAGTACACTGTACTCATGAAGCCGCTACCCACTATATACCATTGTATTTATCTATTACGCATTCT  
GCTTGGTATTAATGATGCTGCTCCGACCTCTTCTGGTGAAGAAGATTGCATGTGGGTTAGGGAAATCTGA  
TCGATTTAAAAGTATTTATGCTGCACTTTACTTCTTCCCAATTTAAACCGTGCTTCAGGCAGTTGGTGGAA  
GGCCTTTTATAA
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001284204
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\\_001284204.1](#), [NP\\_001271133.1](#)

**RefSeq Size:** 2352 bp

**RefSeq ORF:** 642 bp

**Locus ID:** 51528

**UniProt ID:** [Q9P055](#)

**Cytogenetics:** 14q23.1

**Protein Families:** Transmembrane

**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 (6) lacks an alternate exon in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (6) has a shorter C-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.