

Product datasheet for **SC320884**

JKAMP (NM_016475) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	JKAMP (NM_016475) Human Untagged Clone
Tag:	Tag Free
Symbol:	JKAMP
Synonyms:	C14orf100; C24orf100; CDA06; HSPC213; HSPC327; JAMP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_016475.2
 GGGGGAGCTCGCTGTGGCCCGGATGTTCCGGTGCAGCTGCCAGATCCGCTGATCTAGTGCT
 TCTCGAAAAAACCTTCAGGCGGCCCATGGCTGTGCATATTCAACCAGCATGCCTTGGAC
 TTTATTGTGGGAAGACCCTATTATTTAAAAATGGCTCAACTGAAATATATGGAGAATGTG
 GGGTATGCCCAAGAGGACAGAGAACGAATGCACAGAAATATTGTCAGCCTGCACAGAAT
 CTCCTGAACTTTATGATTGGCTCTATCTGGATTTATGGCAATGCTTCTCTGGTTTTAC
 ATTGGTCTTTCATTGAATGGTACTCGGGAAAAAGAGTTCAGCGCACTTTTCCAACACA
 TCACTGCATTATTTGAATGCAGCATGGCAGCTATTATCACCTTACTTGTGAGTGATCCAG
 TTGGTGTCTTTATATTCGTTTATGTCGAGTATTGATGCTTTCTGACTGGTACACGATGC
 TTTACAACCCAAGTCCAGATTACGTTACCACAGTACACTGTACTCATGAAGCCGCTACC
 CACTATATACCATTGTATTTATCTATTACGCATTCTGCTTGGTATTAATGATGCTGCTCC
 GACCTCTTCTGGTGAAGAAGATTGCATGTGGGTAGGGAAATCTGATCGATTTAAAAGTA
 TTTATGCTGCACCTTACTTCTTCCCAATTTAACCGTGTTCAGGCAGTTGGTGGAGGCC
 TTTTATATTACGCCTTCCATACATTATATTAGTGTATCTTTGGTACTCTGGCTGTG
 ACATGTCTGCTTCTGAAATAGAGAACTGCTATGATCTTCTGGTCAGAAAGAAAAGACTTA
 TTGTTCTCTTCAGCCACTGGTACTTCATGCCTATGGAATAATCTCCATTCCAGAGTGG
 ATAAACTTGAGCAAGATTTGCCCTTTTGGCTTTGGTACCTACACCAGCCCTTTTTTACT
 TGTTCACTGCAAAATTTACCGAACCTTCAAGGATACTCTCAGAAGGAGCCAATGGACACT
 GAGTGTAGACATGTGAAATGCCAAAACTGAGAAGTGCCTAAATAAAAAAGTAAATCA
 ATCTTAACAGTGTATGAGAACTATTCTATCATATATGGGAACAAGATTGTCAGTATATCT
 TAATGTTTGGGTTTGTCTTTGTTTGTATGGTTAGACTTACAGACTTGGAAAAAGCAA
 AACTCTGTAATACTCTGTTACACAGGTAATATTATCTGCTACTGGAAGGCCGCTAGG
 AAGCCCTCGCTTCTCAACAGTTCAGCTGTTCTTTAGGGCAAAATCATGTTTCTGTGTA
 CCTAGCAATGTGTTCCCATTTTATTAAGAAAAGCTTTAACACGTGTAATCTGCAGTCCTT
 AACAGTGGCGTAATTGTACGTACCTGTTGTGTTTCAGTTGTTTTTACCTATAATGAAT
 TGTAAAAAACAACATACTTGTGGGTCTGATAGCAACATAGAAATGATGTATATTGTTT
 TTTGTTATCTATTTATTTTTCATCAATACAGTATTTTGTGATTGCAAAAAATAGATAATA
 ATTTATATAACAGGTTTCTGTTTATAGATTGGTTCAAGATTTGTTTGGATTATTGTTCC
 TGTAAGAAAAACAATAATAAAAAGCTTACCTACATAAAAATTACAAAAA
 AAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_016475

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	NM_016475.2 , NP_057559.2
RefSeq Size:	1692 bp
RefSeq ORF:	936 bp
Locus ID:	51528
UniProt ID:	Q9P055
Cytogenetics:	14q23.1
Protein Families:	Transmembrane
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 (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes 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>