

Product datasheet for RC237419

JKAMP (NM_001284202) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	JKAMP (NM_001284202) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	JKAMP
Synonyms:	C14orf100; C24orf100; CDA06; HSPC213; HSPC327; JAMP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237419 representing NM_001284202 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAAGGAGAAATTCACAGTCGCTTGGAGCCTGGGTTTTGCTTACATGCCTTGGACTTTATTGTGGGA
AGACCCTATTATTTAAAAATGGCTCAACTGAAATATATGGAGAATGTGGGTATGCCAAGAGGACAGAG
AACGAATGCACAGAAATATTGTCAGCCTTGACAGAATCTCCTGAACTTTATGATTGGCTCTATCTTGG
TTTATGGCAATGCTTCTCTGGTTTTACATTGGTCTTCATTGAATGGTACTCGGGGAAAAAGAGTTCCA
GCGCACTTTTCCAACACATCACTGCATTATTTGAATGCAGCATGGCAGCTATTATCACCTTACTTGTGAG
TGATCCAGTTGGTGTCTTTATATTCGTTTCATGTCGAGTATTGATGCTTCTGACTGGTACACGATGCTT
TACAACCAAGTCCAGATTACGTTACCACAGTACACTGTACTCATGAAGCCGCTACCCACTATATACCA
TTGTATTTATCTATTACGCATTCTGCTTGGTATTAATGATGCTGCTCCGACCTCTCTGGTGAAGAAGAT
TGCATGTGGGTAGGGAAATCTGATCGATTTAAAAGATTTATGCTGCACCTTACTTCTCCCAATTTTA
ACCGTGCTTCAGGCAGTTGGTGGAGGCCTTTTATATTACGCCCTCCCATACATTATATTAGTGTATCTT
TGTTACTCTGGCTGTGATCATGTCTGCTTCTGAAATAGAGAAGTCTATGATCTTCTGGTCAGAAAGAA
AAGACTTATTGTTCTCTCAGCCACTGGTTACTTCATGCCTATGAATAATCTCCATTTCCAGAGTGGAT
AAACTTGAGCAAGATTTGCCCTTTTGGCTTTGTACCTACACCAGCCCTTTTTTACTTGTTCACTGCAA
AATTTACCGAACCTTCAAGGATACTCTCAGAAGGAGCCAATGGACAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001284202.1 , NP_001271131.1
RefSeq Size:	2538 bp
RefSeq ORF:	960 bp
Locus ID:	51528
UniProt ID:	Q9P055
Cytogenetics:	14q23.1
Protein Families:	Transmembrane
MW:	36.6 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]