

Product datasheet for **RG236911**

JKAMP (NM_001284203) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	JKAMP (NM_001284203) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	JKAMP
Synonyms:	C14orf100; C24orf100; CDA06; HSPC213; HSPC327; JAMP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG236911 representing NM_001284203. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCAATGCTTCCTCTGGTTTTACATTGGTTCTTCATTGAATGGTACTCGGGGAAAAAGAGTTCACG
GCACCTTTCCAACACATCACTGCATTATTTGAATGCAGCATGGCAGCTATTATCACCTTACTTGTGAGT
GATCCAGTTGGTGTCTTTATATTCGTTTCATGTCGAGTATTGATGCTTTCTGACTGGTACACGATGCTT
TACAACCAAGTCCAGATTACGTTACCACAGTACTGTACTCATGAAGCCGTCTACCCACTATATACC
ATTGTATTATCTATTACGCATTCTGCTGGTATTAATGATGCTGCTCCGACCTCTCTGGTGAAGAAG
ATTGCATGTGGGTTAGGGAAATCTGATCGATTTAAAAGTATTTATGCTGCACTTTACTTCTCCCAATT
TTAACCGTGCTTCAGGCAGTTGGTGGAGGCCTTTTATATTACGCCTTCCCATACATTATATTAGTGTTA
TCTTTGGTACTCTGGCTGTGTACATGTCTGCTTCTGAAATAGAGAACTGCTATGATCTTCTGGTCAGA
AAGAAAAGACTTATTGTTCTCTTCAGCCACTGGTACTTCATGCCTATGGAATAATCTCCATTTCCAGA
GTGGATAAACTTGAGCAAGATTTGCCCTTTTGGCTTTGGTACCTACACCAGCCCTTTTTACTTGTTC
ACTGCAAATTTACCGAACCTTCAAGGATACTCTCAGAAGGAGCCAATGGACAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG236911
 Blue=ORF Red=Cloning site Green=Tag(s)

MAMLPLVLHWFIEWYSGKKSSALFQHITALFECSMAAIIITLLVSDPVGVLVIRSCRVLMSDWYTML
 YNPSPDYVTTVHCTHEAVYPLYTIVFIYAFCLVLMMLLRPLLVKKIACGLGKSDRFKSIYAALYFFPI
 LTVLQAVGGGLLYAFPYIILVLSLVTAVYMSASEIENCYDLLVRKKRLIVLFSHWLLHAYGIISIR
 VDKLEQDLPLLALVPTPALFYLF⁺AKFTEPSRILSEGANGH
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
 SVIFTDKIIRSNAVHLEHMPGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001284203

ORF Size: 744 bp

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).

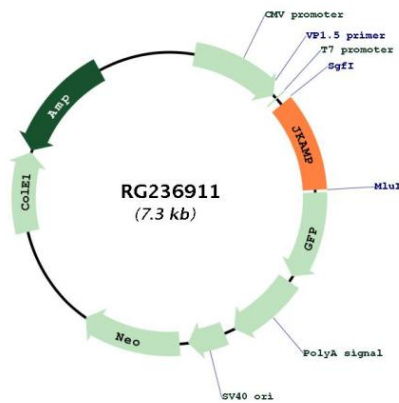
RefSeq: [NM_001284203.1](#), [NP_001271132.1](#)

RefSeq Size: 2461 bp

RefSeq ORF: 747 bp

Locus ID: 51528
UniProt ID: [Q9P055](#)
Cytogenetics: 14q23.1
Protein Families: Transmembrane
MW: 28.7 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]

Product images:



Circular map for RG236911