

Product datasheet for **SC115636**

JM4 (PRAF2) (NM_007213) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	JM4 (PRAF2) (NM_007213) Human Untagged Clone
Tag:	Tag Free
Symbol:	JM4
Synonyms:	JM4; Yip6a
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_007213 edited ATGTCGGAGGTGCGGCTGCCACCGCTACGCGCCCTGGACGACTTGTCTGGGGTCGGCG CGTCTGGCGGCTCCGGATCCATGCGACCCGACGCGATGGTGCCACCGCGTCATCAACAAC CTCCTCTACTACCAAACCAACTACCTTCTCTGCTTCGGCATCGGCCTCGCTCTCGCCGGG TACGTGCGGCCACTTCATACGCTCCTGAGCGCGCTGGTAGTGGCGGTGGCCCTCGGCCTG CTGGTGTGGGCGAGCTGAGACCCGCGCAGCTGTGCGCCGCTGCCGCCGAGCCACCCTGCA GCCTGCCTGGCCGAGTGCTTGCCGTGGCCTCCTGGTGTCTGGGTGCGGGGCGGCGCT TGCACCTTCTGTTCAGCATCGCCGGGCCGCTTCTGATCCTGGTGCACGCTCGTTG CGCCTGCGCAACCTTAAGAACAAGATTGAGAACAAGATCGAGAGCATTGGTCTCAAGCGG ACGCCAATGGCCTGCTACTAGAGGCACTGGGACAAGAGCAGGAGGCTGGATCCTAG



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_007213 unedited
 TAGTTTTTCGGATTTGTAACCGACTTTATATAGGCGGCCAAGCAATTCGCACGAGGGGAT
 GTCGGAGGTGCGGCTGCCACCGCTACGCGCCCTGGACGACTTTGTTCTGGGGTCGGCGCG
 TCTGGCGGCTCCGGATCCATGCGACCCGCGAGCATGGTGCCACCCGCGTCATCAACAACCT
 CCTCTACTACAAACCAACTACCTTCTCTGCTTCGGCTTTTTCTCGCTCTCGCCGGGTA
 CGTGCGGCCACTTCATACGCTCCTGAGCGCGCTGGTAGTGGCGGTGGCCCTCGGCGTGCT
 GGTGTGGCGAGCTGAGACCCGCGCAGCTGTGCGCCGCTGCGCCGCGAGCCACCTGCAGC
 CTGCCTGGCCGAGTGCTTGCCGTCGGCCCTCTGGTGCTCTGGGTCGCGGGCGGCGCTTG
 CACCTTCTGTTCAAGCATCGCCGGGCGGTGCTTCTGATCCTGGTGCACGCCTCGTTGCG
 CCTGCGCAACCTTAAGAACAAGATTGAGAACAAGATCGAGAGCATTGGTCTCAAGCGGAC
 GCCAATGGGCTGCTACTAGAGGCACTGGGACAAGAGCAGGAGGCTGGATCCTAGGCCCC
 TGGGATCTGTACCCAGGACCTGNAGAATACCACCCACCNCAGCCATAATTGGGACCC
 AGAGCCCTTTCCAGCACTTAANACAGGAGCCTAGAGCCCTGCCAAACAAAACAGGA
 CATCTGTGACCGCCTACCCACGCCAGCCCCAACTAAGATATCCTCACACCCAGCCCC
 CATTACCTAGGGACAAGAGTCTTCCCGCCTTTGACCTAGGACCAAANAGCCAACCTACA
 TCCAGNCCCCAACTGGGGGCTTCAGGCCANAGCATCCATGGGCCATTTTCAAATTGT
 GAAACCCAGANACC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_007213 unedited
 AATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGCATGAGAGATGCAACAGGGCTTTATT
 GTTGCAGCAACTAACAATATACGCCCCATTCCCTGCTGAGGCCGTCCCCACCTCACCC
 CTTGGTTGTCGATGGTGTGGAACATTGGGGTGAGGGGCAAATGCCTAACAGAGCTGGA
 GGGAGGCAAATGGGACTGGTGAAGGTCGGGATCCTGGACCAGGGGTCCAACAGTCAGG
 ATACCCGACTCCATCCACACAGGGGCATGGAACACTTGGGTTCTGAGTTCAAGATTTGGC
 AATGTCTTGACCTGCGTTGCAAGGTAGGGTGGGGTCTGGAAAAGCTTTGGTCAGGGGTTA
 AGATTTGAGAGTGCCCTGCTCCAGGCCCAATTTGGGGATGACCATGGAAAACGGTGGAT
 GCGACTGTCTCTGTGGTTACAATTTGAAATGGCATGGATGTTTTGGCTGAACCCCCACC
 TTTGGGCCCGGATGTAAGTGGCTCTTGGCCCTAGGCTCAAGGCTGGGAAAACTTTGTCC
 CTAGTAATGGGGGCTGGGGTAAGGCCCTCCCTACCTCGGGGTTCCCGTGGGGGAAGGCC
 CACCCAAATTTCTCTCTCCACGCACCGGGGCTTTACCCCTTTCTTACCCCCCAA
 AAGGACTCCTTACCACCCTATTGGTTTGAGGCCGACCGCCTCCCAACACCACGATC
 CACCTTTTAATTCATCGGTATCTTCTATCCCACTATTGCCCCGCGCTCGTTTATAT
 TTATTTCCCGTTAATGCTTCCCGCCCCCTATCCCACTCGTTCTCTCTCCTCCCGCC
 CCCGCTCTCTCATCTTTCTATACTCTACATTCTCTCCCTGCCCGTTCTCGCCCGC
 CATTACGACTTTCTACTACTTATTTTTATTCTGCCCTCCCTCCCGTTTACACCCCC
 CTCCACCACCGTCTTACTCAGTCATTCCCTCCCAACACCCCTCCGTGTTAT

Restriction Sites:

NotI-NotI

ACCN:

NM_007213

Insert Size:

1290 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_007213.1](#), [NP_009144.1](#)

RefSeq Size: 1263 bp

RefSeq ORF: 537 bp

Locus ID: 11230

UniProt ID: [O60831](#)

Cytogenetics: Xp11.23

Protein Families: Transmembrane

Gene Summary: May be involved in ER/Golgi transport and vesicular traffic. Plays a proapoptotic role in cerulenin-induced neuroblastoma apoptosis.[UniProtKB/Swiss-Prot Function]