

Product datasheet for **SC301054**

PP14397 (JMJD8) (NM_001005920) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PP14397 (JMJD8) (NM_001005920) Human Untagged Clone
Tag:	Tag Free
Symbol:	PP14397
Synonyms:	C16orf20; PP14397
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001005920 edited
 CCGCCAATGGCTGGCGGATGGGCCAAGGTTCCCGCGTGCAGCGCGGCTGCCTGAGGGC
 GGCAGGCTCATGGCGCCGGCGTCCGGTTGCTCGCGCTCTGGGCGCTGGCGGCTGTGGCT
 CTACCCGGCTCCGGGGCGGAGGGCGACGGCGGGTGGCGCCGGGCGGGCCGGGGCCGTG
 GCGGAGGAGGAGCGTGCACGGTGGAGCGTCCGGCCGACCTCACCTACGCGGAGTTCTGTG
 CAGCAGTACGCCCTTCGTACGGCCGTCATCCTGCAGGGACTCACGGACAACCTCGAGGTTCC
 CGGGCCCTGTGCTCCCGCGACAGTTGCTGGCTTCGTTTGGGGACAGAGTGGTCCGGCTG
 AGCACCGCCAACACCTACTCCTACCACAAAGTGGACTTGCCCTTCCAGGAGTATGTGGAG
 CAGCTGTGCACCCCGAGACCCACCTCCCTGGGCAATGACACCCTGTACTTCTTCGGG
 GACAACAACCTTACCGAGTGGGCTCTCTCTTTCGGCACTACTCCCAACCCCATTTGGC
 CTGCTGGGAACCGCTCCAGCTTACAGCTTGGAAATCGCAGGAGCTGGCTCGGGGTGCC
 TTCCACTGGCATGGACCCGGTACTCAGAAGTATCTACGGTCTAAGCGCTGGTTCCTT
 TACCCACCTGAGAAGACGCCAGAGTTCCACCCAAACAAGACCACGCTGGCCTGGTCCGG
 GACACATACCCAGCCCTGCCACCGTCTGCACGGCCCTGGAGTGTACCATCCGGGCTGGT
 GAGGTGCTGACTTCCCGACCGCTGGTGGCATGCTACGCTCAACCTTGACACCAGCGTC
 TTCATCTCCACCTTCTCGGCTAGCCAAAACAGCTGGCAGGACTGCCGGTACACACCAG
 CACGTCCACCTCGTGTGCACGGATTTATTACACAGATAGTGGCGGCAATGGCCTCAGC
 CCAGCCACCCCTCACCTGCTTTTCCAGCCACAAAGGGGGACGATCACGGCCAGCAAAA
 GCGATGCTGAGAGGGGAAACAGTCCAGAGTCCAACAGCAGAACTTGGGGGAAGCGGTCCG
 GGTGGCCAGGAACATAAACTATGTATAGGGGCCGGGGCTTCTGCCAGGGCTCCCTGG
 ACCAGGACGCCAGGTAGGGCAGGGAACCTCAGTAGTCTCCACCCAGCCATTCTCAGAGA
 TGAATGCGTCAATAACCTCCTTCATAGCCAAGTTGGGGATGAGCTGTTCTGGGTACGGG
 GGCTCCGGGTACGGGGTCAAAATGACCCACACGCTGCAGTACAAGAAGGGCAGAGGGC
 AGTCATGGGGCCAGGACCATGCCACTGGCCCTGCTCCCGCAGCCGAGGCTCACCTGC
 AGGTGCTCCTCGATGTCCTTGGCGTCTAGGTGATGCCACTGGGCGTGTGCACGGCTCC
 CGCATCAGCTCAAAGCTGATCTTGCCACACAGGTAGTCCGGGATGTCTCGCTTCTGTGGC
 ACAGGGGCACACGGTCCAGAGGCTGAAAAGGGGCACTGCACGAGCACCTGCCAGCCATCGG
 CAGCAAGCAGACACACTCACCTTCTCTCATCCACCTGAGAAAAAAGCTCGTCCAT
 GTCCGCCATGACTTGTCTGTGAAGATTGAGTGTGTGCTTGGGGGAGACACCCACC
 TCCCTCCTCCATGGGGCAGACCCAAACAAGCGGGGATGCTCCACGCCACGTGCAC
 ACACACAGACCCACATGTGGGTGGGGGACCCCTCACGTGCTTGGCTCAATGCAGGCT
 GCTGGGCCCGGACGTGGCTGTCTCCTCATACCCTCGTGGTTTTCGCTGGCACTTCCA
 GCTCCCTGGGGTTGACCAGGAGCCGGTCCAGAGATGGACCTGGCCAGATGTCTGACCACA
 CCCCAATCTCAGAGCTAACATCCACACTTCCCAACATTTCTGCTTGGCAGTAAAGCCTT
 CGATAAACGCTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_001005920
- Insert Size:** 2000 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).
- OTI Annotation:** The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001005920.2.
- 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_001005920.2](#), [NP_001005920.2](#)

RefSeq Size: 2074 bp

RefSeq ORF: 858 bp

Locus ID: 339123

UniProt ID: [Q96S16](#)

Cytogenetics: 16p13.3

Gene Summary: Functions as a positive regulator of TNF-induced NF-kappa-B signaling (PubMed:27671354). Regulates angiogenesis and cellular metabolism through interaction with PKM (PubMed:27199445).[UniProtKB/Swiss-Prot Function]