

## Product datasheet for SC122281

### JMJD7 (BC025290) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	JMJD7 (BC025290) Human Untagged Clone
Tag:	Tag Free
Symbol:	JMJD7
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene sequence for NM_001114632 edited

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CCATGGCGGAGGCGGCTTTGGAAGCCGTGCGGAGCGAGTTACGAGAATCCCGGCCGCTG
CAAGGGAGCTCTGCGTGCCTCTTGCTGTGCCCTACCTGGACAAACCCCAACTCCGCTCC
ACTTCTACCGGGACTGGGTCTGCCCAACAGGCGGTGCATTATCCGCAACGCTCTGCAGC
ACTGGCCGGCCCTCCAGAAGTGGTCCCTCCCCTATTTAGAGCCACAGTGGGCTCCACAG
AGGTGAGTGTGGCCGTGACCCAGATGGTTACGCGGATGCCGTGAGAGGGGATCGCTTCA
TGATGCCAGCTGAGCGCCGCTGCCCTGAGCTTCGTGCTGGATGTGCTGGAGGGCCGGG
CCCAGCACCCCTGGAGTCTCTATGTGCAGAAGCAGTGTCCAACCTGCCAGCGAGCTGC
CCCAGCTGCTGCCTGATCTGGAATCCCATGTGCCCTGGGCTCCGAAGCCCTGGGAAAGA
TGCCCGATGCTGTGAACTTCTGGCTGGGGAGGCGGCTGCAGTGACTTCTTTGCACAAGG
ACCACTATGAGAACCTCTACTGCGTGGTCTCAGGAGAGAAGCATTTCCTGTTCCATCCGC
CCAGCGACCGGCCCTTCAATCCCCTATGAGCTGTACACGCCGCAACCTACCAGCTAACTG
AAGAGGGCACCTTTAAGGTGGTGGATGAAGAGGCCATGGAGAAGGTGCCCTGGATCCAC
TGGACCCCTTGGCGCCAGACCTAGCACGGTACCCTAGTTACAGTCAGGCCCAGGCCCTTC
GCTGCACGGTGGCGCCGGTGAGATGCTCTATCTGCCGGCTCTGTGGTCCACCACGTCC
AGCAGTCCCAGGGCTGCATCGCAGTGAATTTCTGGTATGACATGGAATACGACCTCAAGT
ATAGTTACTTCCAGCTGCTCGACTCCCTCACCAAGGCTTCAGGCCTTGACTGATGGAGCA
CTGGTGAACACGACCAAGCACGCCTCGGGGACGAGCCAGCCCTCCCTGGCCAGGTCA
ATTCTCGAGAGACCTGGAGTGTGCATGCTGGCTGCTGGCCCCGGTCCAGCATGGCTTG
AGATCAGCTTTGGAGGATCTTGAATGTGGTCATAAGGACTCAAGGTGCCAGGCAGGTCT
GGGTGAGGGTTCTCAGGAAGTTGCCACACAGGTGAGCAGAGTGGGGATCAGGTGCAGCGG
CACCTCTCCCAGCGCTGTGATGTTGGGCGAGTCACTGCGTCTCGGGCATTGGTGTCTGT
TCAGTAAAGAGATAATAATGGCTGTACCTCGCGGGGCTGTTGTGGGCTTGGAGATGATGT
CTATGAGGACCAGCATGGAGCTGGCACACAGGACATGTTGAATAAAAGGTAGCTGTGAAA
AAAAAAAAAAAAAAAA

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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC025290 unedited NAAAGTTCAAATTTTGTAAACGAACTACTATAGGGCCGGCCGGAATTCGCACGAGGC CATGGCGGAGGCGGCTTTGGAAGCCGTGCGGAGCGAGTTACGAGAATTCCTGGCCGCTGC AAGGGAGCTCTGCGTGCCTTTGCTGTGCCCTACCTGGACAAACCCCAACTCCGCTCCA CTTCTACCGGGACTGGGTCTGCCCCAACAGGCCGTGCATTATCCGCAACGCTCTGCAGCA CTGGCCGGCCCTCCAGAAGTGGTCCCTCCCTATTTTCAGAGCCACAGTGGGCTCCACAGA GGTGAGTGTGGCGTGACCCAGATGGTTACGCGGATGCCGTGAGAGGGGATCGTTCAT GATGCCAGCTGAGCGCCGCTGCCCTGAGCTTCGTGCTGGATGTGCTGGAGGGCCGGGC CCAGCACCTGGAGTCTCTATGTGCAGAAGCAGTGCTCCAACCTGCCAGCGAGCTGCC CCAGCTGCTGCCTGATCTGGAATCCCATGTGCCCTGGGCCTCCGAAGCCCTGGGAAAGAT GCCCGATGCTGTGAATTCTGGCTGGGGGAGGCGGCTGCAGTGACTTCTTTGCACAAGGA CCACTATGAGAACCTCTACTGCGTGGTCTCAGGAGAGAAGCATTTCCTGTTCCATCCGCC CAGCGACCGCCCTTATCCCCTATGAGCTGTACACGCCGCAACCTACCAGCTAACTGA AGAGGGCACCTTTAAGGTGGTGGATGAAGAGGCCATGGAGAAAGTCCCTGNATCCCCT GGACCCCTTGGCGCCAGACCTAGCACGGTACCCTAGTTACAGTCAGGGCCAGGCCCTTC GCTGCACGGTGGCGCCGGTGAGATGCTCTATCTGCCGGCTCTGTGGTCCACCACGTCC AGCAGTCCCAGGG
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC025290
<b>Insert Size:</b>	1400 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>RefSeq:</b>	<a href="#">BC025290.1</a> , <a href="#">AAH25290.1</a>
<b>RefSeq Size:</b>	1395 bp
<b>Locus ID:</b>	100137047
<b>Gene Summary:</b>	This gene encodes a highly conserved protein with a JmjC domain, which are part of the cupin metalloenzyme superfamily. JmjC proteins may function as 2-oxoglutarate-Fe(II)-dependent dioxygenases. Most tissues also express read-through transcripts from this gene into the downstream phospholipase A2, group IVB (cytosolic) gene, some of which may encode fusion proteins combining the N-terminus of this protein with the phospholipase A2, group IVB protein. [provided by RefSeq, Jul 2008]