

Product datasheet for **SC318827**

JMJD7 (NM_001114632) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	JMJD7 (NM_001114632) Human Untagged Clone
Tag:	Tag Free
Symbol:	JMJD7
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for NM_001114632 edited</p> <pre>CCATGGCGGAGGGCGCTTTGGAAGCCGTGCGGAGCGAGTTACGAGAATCCCGGCCGCTG CAAGGGAGCTCTGCGTGCCTCTTGTGTGCCCTACCTGGACAAACCCCAACTCCGCTCC ACTTCTACCGGGACTGGGTCTGCCCAACAGGCCGTGCATTATCCGCAACGCTCTGCAGC ACTGGCCGGCCCTCCAGAAGTGGTCCCTCCCCTATTTTCAGAGCCACAGTGGGCTCCACAG AGGTGAGTGTGGCCGTGACCCAGATGGTTACGCGGATGCCGTGAGAGGGGATCGCTTCA TGATGCCAGCTGAGCGCCGCTGCCCTGAGCTTCGTGCTGGATGTGCTGGAGGGCCGGG CCCAGCACCTGGAGTCTCTATGTGCAGAAGCAGTGTCCAACCTGCCAGCGAGCTGC CCCAGCTGCTGCCTGATCTGGAATCCCATGTGCCCTGGGCTCCGAAGCCCTGGGAAAGA TGCCCGATGCTGTGAACCTCTGGCTGGGGGAGGCGGCTGCAGTGACTTCTTTGCACAAGG ACCACTATGAGAACCTCTACTGCGTGGTCTCAGGAGAGAAGCAATTCCTGTTCCATCCCG CCAGCGACCGCCCTTCAATCCCTATGAGCTGTACACGCCGCAACCTACCAGTAACTG AAGAGGGCACCTTTAAGGTGGTGGATGAAGAGGCCATGGAGAAGGTGCCCTGGATCCCAC TGGACCCCTTGGCGCCAGACCTAGCACGGTACCCTAGTTACAGTCAGGCCAGGCCCTTC GCTGCACGGTGGCGCCGGTGGATGCTCTATCTGCCGGCTCTGTGGTTCCACCAGTCC AGCAGTCCAGGGCTGCATCGCAGTGAATTTCTGGTATGACATGGAATACGACCTCAAGT ATAGTTACTTCCAGCTGCTCGACTCCCTCACCAAGGCTTCAGGCCTTGACTGATGGAGCA CTGGTGAACACGACCAAGCACGCCTCGGGGACGGAGCCAGCCCTCCCTGGCCAGGTCA ATTCTCGAGAGAGCCTGGAGTGTGCATGCTGGCTGCTGGCCCCGGTCCAGCATGGCTTG AGATCAGCTTTGGAGGATCTTGAATGTGGTCATAAGGACTCAAGGTGCCAGGCAGGTCT GGGTGAGGGTTCTCAGGAAGTTGCCACACAGGTGAGCAGAGTGGGGATCAGGTGCAGCGG CACCTCTCCCAGCGCTGTGATGTTGGCGAGTCACTGCGTCTCGGGCATTGGTGTCTGTG TCAGTAAAGAGATAATAATGGCTGTACCTCGCGGGGCTGTTGTGGGCTTGGAGATGATGT CTATGAGGACCAGCATGGAGCTGGCACACAGGACATGTTGAATAAAAGGTAGCTGTGAAA AAAAAAAAAAAAAAAA</pre>
Restriction Sites:	Please inquire
ACCN:	NM_001114632



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Insert Size:	1400 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:	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.
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:	<u>NM_001114632.1, NP_001108104.1</u>
RefSeq Size:	1439 bp
RefSeq ORF:	951 bp
Locus ID:	100137047
UniProt ID:	<u>P0C870</u>
Cytogenetics:	15q15.1
Gene Summary:	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]