

Product datasheet for **SC315948**

JMJD6 (NM_001081461) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	JMJD6 (NM_001081461) Human Untagged Clone
Tag:	Tag Free
Symbol:	JMJD6
Synonyms:	PSR; PTDSR; PTDSR1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_001081461 edited ATGAACCACAAGAGCAAGAAGCGCATCCGCGAGGCCAAGCGGAGTGC GCGGCCGGAGCTC AAGGACTCGCTGGATTGGACCCGCGACAACACTACTACGAGAGCTTCTCGCTGAGCCCCGGC GCCGTGGCGGATAACGTGGAAAGGGCAGATGCTTTACAGCTGTCTGTGGAAGAATTTGTG GAGCGGTATGAAAGACCTTACAAGCCCGTGGTTTTGTTGAATGCGCAAGAGGGCTGGTCT GCGCAGGAGAAATGGACTCTGGAGCGCCTAAAAAGGAAATATCGGAACCAGAAGTTCAAG TGTGGTGAGGATAACGATGGCTACTCAGTGAAGATGAAGATGAAATACTACATCGAGTAC ATGGAGAGCACTCGAGATGATAGTCCCCTTTACATCTTTGACAGCAGCTATGGTGAACAC CCTAAAAGAAGGAAACTTTTGGAAAGACTACAAGGTGCCAAAGTTTTCTACTGATGACCTT TTCCAGTATGCTGGGGAGAAGCGCAGGCCCCCTTACAGGTGGTTTGTGATGGGGCCACCA CGCTCCGGAACCTGGGATTACATCGACCCTCTGGGAACCAAGTGCCTGGAATGCCTTAGTT CAGGGCCACAAGCGCTGGTGCCTGTTTCTACCAGCACTCCCAGGGAACCTATCAAAGTG ACCCGAGACGAAGGAGGGAAACCAGCAAGACGAAGCTATTACCTGGTTAATGTTATTTAT CCCGGGACACAGCTTCCAACCTGGCCACCTGAATTCAAACCCCTGGAAATCTTACAAAA CCAGGAGAGACTGCTTTGTACCAGGAGGCTGGTGGCATGTTGTCCTCAATCTCGACACT ACTATCGCCATCACCCAAAAATTTGCCAGCAGCACCAACTTCCCTGTGGTATGGCACAAG ACGGTAAGAGGGGAGACCAAAGTTATCAAGGAAATGGTATAGGATTTTGAAGCAAGAGCAC CCCAGTTGGCAGTCTCGCAGACTCGGTTGACCTTCCAGGAGTCCACAGGGATAGCTTCC GACAGCTCCAGCGACTCTTCCAGCTCCTCCAGCTCCAGTTCGTGACTCCGACTCCGACTCAGAG TGGCAGTCTGGATCCGAGGGCGATGGGACAGTGCACCCGACAGGAAGAAGAGGAGGACGTGC AGCATGGTGGGAAACGGGGACACCACCTCCCAGGACGACTGTGTGAGCAAGAGCGCAGC TCCTCCAGGATTAGGGACACTTGTGGAGCCGGGCTCACCCCTGA
Restriction Sites:	Please inquire
ACCN:	NM_001081461
Insert Size:	1800 bp



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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 open reading frame of this clone has been fully sequenced and found one SNP within the protein associated with this reference, NM_001081461.1.
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_001081461.1</u> , <u>NP_001074930.1</u>
RefSeq Size:	5445 bp
RefSeq ORF:	1245 bp
Locus ID:	23210
UniProt ID:	<u>Q6NYC1</u>
Cytogenetics:	17q25.1
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS
Gene Summary:	<p>This gene encodes a nuclear protein with a JmjC domain. JmjC domain-containing proteins are predicted to function as protein hydroxylases or histone demethylases. This protein was first identified as a putative phosphatidylserine receptor involved in phagocytosis of apoptotic cells; however, subsequent studies have indicated that it does not directly function in the clearance of apoptotic cells, and questioned whether it is a true phosphatidylserine receptor. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>