

## Product datasheet for SC322718

### JMJD6 (NM\_015167) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	JMJD6 (NM_015167) Human Untagged Clone
Tag:	Tag Free
Symbol:	JMJD6
Synonyms:	PSR; PTDSR; PTDSR1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for SC322718  
CGCAGAATGAACCACAAGAGCAAGAAGCGCATCCGCGAGGCCAAGCGGAGTGC GCGGCCG  
GAGCTCAAGGACTCGCTGGATTGGACCCGGCACAACACTACTACGAGAGCTTCTCGTGAGC  
CCGGCGGCCGTGGCGGATAACGTGGAAAGGGCAGATGCTTTACAGCTGTCTGTGGAAGAA  
TTTGTGGAGCGGTATGAAAGACCTTACAAGCCCGTGGTTTTGTTGAATGCGCAAGAGGGC  
TGGTCTGCGCAGGAGAAATGGACTCTGGAGCGCCTAAAAAGGAAATATCGGAACCAGAAG  
TTCAAGTGTGGTGAAGATAACGATGGCTACTCAGTGAAGATGAAGATGAAATACTACATC  
GAGTACATGGAGAGCACTCGAGATGATAGTCCCCTTTACATCTTTGACAGCAGCTATGGT  
GAACACCCATAAAGAAGGAAACTTTTGAAGACTACAAGGTGCCAAAGTTTTTCACTGAT  
GACCTTTTCCAGTATGCTGGGAGAAAGCGCAGGCCCTTACAGGTGGTTTTGTGATGGG  
CCACCACGCTCCGGAAGTGGGATTCACATCGACCTCTGGGAACCAAGTGCCTGGAATGCC  
TTAGTTCAGGGCCACAAGCGCTGGTGCCTGTTTCTACCAGCACTCCAGGGAACATCATC  
AAAGTGACCCGAGACGAAGGAGGGAACCAAGCAAGCAAGCTATTACCTGGTTAATGTT  
ATTTATCCCCGGACACAGCTTCCAACCTGGCCACCTGAATTCAAACCCCTGGAAATCTTA  
CAAAAACCAGGAGAGACTGTCTTTGTACCAGGAGGCTGGTGGCATGTTGTCCTCAATCTC  
GACACTACTATCGCCATCACCAAAATTTTCCAGCAGCACCAACTTCCCTGTGGTATGG  
CACAAGACGGTAAGAGGGAGACCAAAAGTTATCAAGGAAATGGTATAGGATTTTGAAGCAA  
GAGCACCCCGAGTTGGCAGTCTCGCAGACTCGGTTGACCTTCAGGAGTCCACAGGGATA  
GCTTCCGACAGCTCCAGCGACTTCCAGCTCCTCCAGTCCAGTTCGTCAGACTCCGAC  
TCAGAGTGCAGTCTGGATCCGAGGGCGATGGGACAGTGCACCGCAGGAAGAAAGAGGAGG  
ACGTGCAGCATGGTGGGAAACGGGGACACCACCTCCAGGACGACTGTGTGAGCAAAAGAG  
CGCAGCTCCTCCAGTGACCCAGCAAGGCTGTTGTCTGTATGGAAGGACACGCTCGCGGC  
AAGGGCAGGGCCTGGGAGGGTGGCCTGTCCAGTCTGCAGACAAGGGGAGGCTGACAG  
AGCCCAAGAAATGAGGACACCCTCGGCACGGGAACCCATTCACTTAGCGTTTGTCCAGTA  
GCTTTCCCTCTGCTACCAATGCAGATAAACCGCGCTTGTTTTACTCAGGCAAGAGAATGT  
GAATAGTGCCAAGAAAATCCTTTACATTATTTAATAAAAAATTGAATCCATAAAAAAAAAA  
AAAAAAAAAAAAAAAAAAAAAAAAA



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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_015167
<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>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_015167.2</a> , <a href="#">NP_055982.2</a>
<b>RefSeq Size:</b>	1834 bp
<b>RefSeq ORF:</b>	1212 bp
<b>Locus ID:</b>	23210
<b>UniProt ID:</b>	<a href="#">Q6NYC1</a>
<b>Cytogenetics:</b>	17q25.1
<b>Domains:</b>	JmjC
<b>Protein Families:</b>	Druggable Genome, ES Cell Differentiation/IPS
<b>Gene Summary:</b>	<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 (2) uses an alternate splice site in the 3' coding region and an alternate polyadenylation site, compared to variant 1. The resulting protein (isoform 2) has a shorter C-terminus, compared to isoform 1.</p>