

## Product datasheet for MC212150

### Jmjd6 (NM\_033398) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Jmjd6 (NM_033398) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Jmjd6
Synonyms:	5730436I23Rik; D11ErtD195e; mKIAA0585; PSR; PtdSerR; Ptdsr
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC212150 representing NM_033398 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAACCACAAGAGCAAGAAGCGCATCCGCGAGGCCAAGCGAAGTGCGCGCCGGAGCTCAAGGACTCGC  
TCGACTGGACCCGGCACAACACTACTACGAGAGCTACCCGCTGAACCCGCGCCGCTGCCGGATAACGTGGA  
GAGAGCTGATGCCTTACAGCTGTCGGTGAAGAGTTTCGTGGAGCGCTACGAGAGGCCTTACAAGCCCGTG  
GTTCTGCTCAATGCAAGAGGGCTGGTCCGCACAGGAGAAATGGACTCTGGAGCGCCTCAAAGGAAAT  
ACCGGAACCAGAAGTTCAAGTGCGGCGAGGATAATGACGGCTACTCGGTTAAGATGAAGATGAAGTACTA  
CATCGAGTACATGGAGAGCACCCGCGATGACAGTCCCCTTTACATCTTCGATAGCAGCTATGGCGAACAC  
CCCAAAAGAAGGAACTTTTGAAGACTACAAGGTGCCAAGTTTTTACAGATGATCTTTTCCAATACG  
CGGGGAGAAACGCAGACCCCTTACAGGTGGTTTGTGATGGGGCCACCGGTTCTGGAAGTGGGATTCA  
CATCGACCCTCTGGGACCAGTGCCTGGAATGCCTTAGTTCAGGGTCACAAGCGGTGGTGCCTCTCCCA  
ACAAACACACCCAGAGAATCATCAAGGTGACCCGAGAAGAAGGAGGGAACCAACAGGATGAAGCAATTA  
CCTGGTTAATGTCATCTATCCCCGACACAGCTTCCAACCTGGCCACCTGAATTCAAACCCCTGGAGAT  
ATTACAGAAACCAGGAGAACTGTCTTTGTACCAGGGGGCTGGTGGCATGTTGTCCTCAACCTTGACACC  
ACCATTGCCATCACCCAGAACTTGGCCAGCAGCACCAACTTCCCTGTTGTGTGGCACAAGACGGTAAGAG  
GGAGACCAAAGTTATCAAGGAAGTGGTATAGGATCTTGAACAGGAGCACCCCTGAGCTGGCAGTCTCTGGC  
CGACGCAGTTGACCTCCAGGAGTCCACAGGCATTGCCTCTGACAGCTCCAGCGACTCTTCTAGCTCCTCT  
AGTTCCAGCTCGTCAGACTCGGACTCAGAGTGTGAATCTGGGTGAGAAGGTGATGGGACGACACACCCGCA  
GGAAGAAGAGGAGAACCTGCAGCATGGTGGAAATGGGGACACTACCTCCAGGATGACTGTGTGAGCAA  
AGAGCGCAGCTCCTCCAGG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_033398
<b>Insert Size:</b>	1212 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>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_033398.2</a> , <a href="#">NP_203971.2</a>
<b>RefSeq Size:</b>	1688 bp
<b>RefSeq ORF:</b>	1212 bp
<b>Locus ID:</b>	107817
<b>UniProt ID:</b>	<a href="#">Q9ERI5</a>
<b>Cytogenetics:</b>	11 81.49 cM
<b>Gene Summary:</b>	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 functions in differentiation of multiple tissues during development, and in anti-inflammatory cytokine signaling. It was first identified as a putative phosphatidylserine receptor involved in phagocytosis of apoptotic cells; however, subsequent studies have indicated that this protein does not directly function in the clearance of apoptotic cells, and questioned whether it is a true phosphatidylserine receptor. [provided by RefSeq, Jul 2008]