

Product datasheet for **RG218163**

JMJD6 (NM_001081461) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	JMJD6 (NM_001081461) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	JMJD6
Synonyms:	PSR; PTDSR; PTDSR1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG218163 representing NM_001081461 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACCACAAGAGCAAGAAGCGCATCCGCGAGGCCAAGCGGAGTGCGCGGCCGGAGCTCAAGGACTCGC
TGGATTGGACCCGGCACAACTACTACGAGAGCTTCTCGTGAGCCCGCGGCCGTTGGCGGATAACGTGGA
AAGGGCAGATGCTTTACAGCTGTCTGTGGAAGAATTTGTGGAGCGGTATGAAAGACCTTACAAGCCCGTG
GTTTTGTTGAATGCGCAAGAGGGCTGGTCTGCGCAGGAGAAATGGACTCTGGAGCGCCTAAAAGGAAAT
ATCGGAACCAGAAGTTCAAGTGTGGTGAAGATAACGATGGCTACTCAGTGAAGATGAAGATGAAATACTA
CATCGAGTACATGGAGAGCACTCGAGATGATAGTCCCCTTTACATCTTTGACAGCAGCTATGGTGAACAC
CCTAAAAGAAGGAACTTTTGAAGACTACAAGGTGCCAAAGTTTTTCACTGATGACCTTTTCCAGTATG
CTGGGGAGAAGCGCAGGCCCTTACAGGTGGTTTGTGATGGGGCCACCACGCTCCGGAAGTGGGATTCA
CATCGACCCTCTGGGAACCAAGTGCCTGGAATGCCTTAGTTTCAAGGCCACCAAGCGCTGGTGCCTGTTTCT
ACCAGCACTCCAGGGAACATCAAAGTGACCCGAGACGAAGGAGGGAACCAAGACGAAGCTATTA
CCTGGTTAATGTTATTTATCCCCGGACACAGCTTCCAACCTGGCCACCTGAATCAAACCCCTGGAAAT
CTTAAAAAACAGGAGAGACTGTCTTTGTACCAGGAGGCTGGTGGCATGTTGTCTCAATCTCGACT
ACTATCGCCATCACCCAAAATTTTGGCAGCAGCACCAACTCCCTGTGGTATGGACAAGACGGTAAGAG
GGAGACCAAGTTATCAAGGAAATGGTATAGGATTTTGAAGCAAGACACCCCGAGTTGGCAGTCTCTCGC
AGACTCGTTGACCTTACAGGAGTCCACAGGGATAGCTTCCGACAGCTCCAGCGACTCTTCCAGCTCCTCC
AGCTCCAGTTCGTGAGCTCCGACTCAGAGTGCAGTCTGGATCCGAGGGCGATGGGACAGTGCACCCGCA
GGAAGAAGAGGAGGACGTGCAGCATGGTGGAAACGGGGACACCCTCCAGGACGACTGTGTCAGCAA
AGAGCGCAGCTCCTCCAGGATTAGGGACTTGTGGAGGCCGGGCTCACCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Reconstitution Method:

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: [NM_001081461.2](#)

RefSeq Size: 5445 bp

RefSeq ORF: 1245 bp

Locus ID: 23210

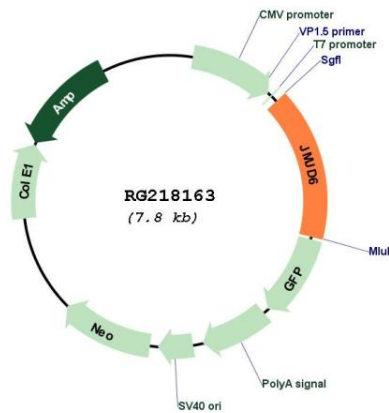
UniProt ID: [Q6NYC1](#)

Cytogenetics: 17q25.1

Protein Families: Druggable Genome, ES Cell Differentiation/IPS

Gene Summary: 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]

Product images:



Circular map for RG218163