

Product datasheet for **SC113578**

DRAM (DRAM1) (NM_018370) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DRAM (DRAM1) (NM_018370) Human Untagged Clone
Tag:	Tag Free
Symbol:	DRAM
Synonyms:	DRAM
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113578 sequence for NM_018370 edited (data generated by NextGen Sequencing)

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ATGCTGTGCTTCCTGAGGGGAATGGCTTTCGTCCCCTTCTCTTGGTGACCTGGTCGTCA
GCCGCCTTCATTATCTCCTACGTGGTCGCGTGCTCTCCGGGCACGTCAACCCCTTCCTC
CCGTATATCAGTGATACGGGAACAACACCTCCAGAGAGTGGTATTTTTGGATTTATGATA
AACTTCTCTGCATTTCTTGGTGCAGCCACGATGTATAAAGATACAAAATAGTACAGAAG
CAAAATCAAACCTGCTATTTTCAGCACTCCTGTTTTAACTTGGTGTCTTTAGTGCTTGA
TTGGTGGGATGTTTCGGAATGGCATTGTGCGCAATTTTCAGGAGTTAGCTGTGCCAGTG
GTTTCATGACGGGGCGCTCTTTTGGCCTTTGTCTGTGGTGTCTGTACACGCTCCTACAG
TCCATCATCTCTTACAAATCATGTCCCCAGTGAACAGTCTCTCGACATGCCACATACGG
ATGGTCATCTCTGCCGTTTCTTGGCAGCTGTATCCCCATGATTGTCTGTGCTTCACTA
ATTTCCATAACCAAGCTGGAGTGAATCCAAGAGAAAAGGATTATGTATATCACGTAGTG
AGTGCGATCTGTGAATGGACAGTGGCCTTTGGTTTTATTTCTACTTCCTAACTTTCATC
CAAGATTTCCAGAGTGTACCCTAAGGATATCCACAGAAATCAATGGTGATATTTGA
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Clone variation with respect to NM_018370.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_018370 unedited TTAAACACCCCCGTTGNCGCAAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAG CAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGC GAATTCGGCACGAGGGGGCGCCCGCCCGCTGGGCGCAGCACTCCGTCCGGCGGCGCGGC GGCGCGATGCTGTGCTTCTGAGGGGAATGGCTTCGTCCCCTCCTCTTGGTGACCTGG TCGTACAGCCGCTTATTATCTCTACGTGGTCGCCGTGCTCTCCGGGCACGTCAACCCC TTCCTCCCGTATATCAGTGATACGGGAACAACACCTCCAGAGAGTGGTATTTTTGGATTT ATGATAAACTTCTGCAATTTCTTGGTGACGCCAGATGTATAACAAGATACAAAATAGTA CAGAAGCAAAATCAAACCTGCTATTTTCAGCACTCCTGTTTTAACTTGGTGTCTTTAGTG CTTGGATTGGTGGGATGTTTCGGAATGGGCATTGTGCGCAATTTTCAGGAGTTAGCTGTG CCAGTGGTTCATGACGGGGCGCTCTTTTGGCCTTTGTCTGTGGTGTCTGTACACGCTC CTACAGTCCATCATCTTTACAATCATGTCCCAGTGGAAACAGTCTCTCGACATGCCAC ATACGGATGGTCACTCTGCCGTTTCTTGGCAGCTGTCATCCCAGTATTGTCTGTGCT TACTAATTTCCATAACCAAGCTGGAGTGAATCCAAGAGAANAGGATATGTATATCACG TANTGAGTGCATCTGTGAATGGACAGTGGCCTTTGGNTTAAATTTCTACTTTCTAACTN TCATCCCAGATCCAGNATGTCACCCTTAGGATATCCACAGAAATCAATGGTGATATTNN GAGAAAGAAGAATNCAGTC
Restriction Sites:	NotI-NotI
ACCN:	NM_018370
Insert Size:	3500 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).
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:	NM_018370.1 , NP_060840.1
RefSeq Size:	2835 bp
RefSeq ORF:	399 bp
Locus ID:	55332
UniProt ID:	Q8N682
Cytogenetics:	12q23.2
Protein Families:	Transmembrane

Gene Summary:

This gene is regulated as part of the p53 tumor suppressor pathway. The gene encodes a lysosomal membrane protein that is required for the induction of autophagy by the pathway. Decreased transcriptional expression of this gene is associated with various tumors. This gene has a pseudogene on chromosome 4. [provided by RefSeq, Jul 2008]