

Product datasheet for **SC321673**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_018370.2
 GGAAGGCCAGAGCGGGCGTCCCCGCCAGTGACCCACGCCGCCGTCGCGCCCAACCC
 GGCTCCGCCGAGTGTCCAACCAAAGCGAAAGGAACCCGACCCGCGTCCCCTCCGGC
 GGCTCCGTAGTCGCGTCCGCTTGGAGCTCGCCGGGCGCCTCCGACCTGCGGGCCGCTT
 TGTGACTTCACTCGTTTCGCAACAAGCCCGGGCAGCCCGCGCCCAACCACTCTGGCCCG
 GCAGCCTCGCCGCCGAGCCTCGCTCCGCTCCTCGCGCTTCCCCTCCCTCCGGGGCTGG
 GCCTGCCCGGCCGTCGCGGAGCCTCCCCTCCCACCGTCCGTGAGTGTACGCGCCCGCC
 GCCGCCTCAGGCAGCCCGGAGCAACCCGGCGCCCGCCCGCTGGGCGCAGCACTCCGT
 CGGCGGCGGCGGCGCGCATGCTGTGCTTCTGAGGGGAATGGCTTTCGTCCTTCTCT
 CTTGGTGACCTGGTGTGTCAGCCGCTTATTATCTCTACGTGGTGGCCGTGCTCTCCGG
 GCACGTCAACCCCTTCTCCCGTATATCAGTGATACGGGAACAACACCTCCAGAGAGTGG
 TATTTTTGGATTTATGATAAACTTCTCTGCATTTCTTGGTGCAGCCACGATGTATACAAG
 ATACAAAATAGTACAGAAGCAAAATCAAACCTGCTATTTTCAGCACTCCTGTTTTAACTT
 GGTGTCTTTAGTGCTTGGATTGGTGGGATGTTTCGGAATGGGCATTGTGCGCAATTTTCA
 GGAGTTAGCTGTGCCAGTGGTTCATGACGGGGCGCTCTTTTGGCCTTTGTCTGTGGTGT
 CGTGTACACGCTCCTACAGTCCATCATCTTTACAAATCATGTCCCAGTGGAACAGTCT
 CTCGACATGCCACATACGGATGGTCATCTTCCGTTTTCTTGCAGCTGTCATCCCCAT
 GATTGTCTGTGCTTCACTAATTTCCATAACCAAGCTGGAGTGGAAATCCAAGAGAAAAGGA
 TTATGTATACAGTAGTGAGTGGCATCTGTGAATGGACAGTGGCCTTTGTTTTATTTT
 CTACTTCCCTAACTTTTATCCAAGATTTCCAGAGTGTACCCTAAGGATATCCACAGAAAT
 CAATGGTGATATTTGAAGAAAGAAGAAATTCAGTCTCACTCAGTGAATGTCGAGGCCATT
 TCTAAAAGTGCTACAGAGGACAGACAGGTTTTGAGGCCACCCTGATTATTGGGATGCAT
 CTGCAGCACATCCAGGACTTGAATTTTATTACGAGTTCCTAATAGTTGTATTTCTAAAGA
 TGTGTTTTCTAGAGAATGTACAGCCTTATGACACTGTAGTGTATTTTATAATTTTCTA
 AGTAGATTTTTTTATATTAACAAATTCATATACAGAAAAAATAAGGTGTTACAAAAAAA
 AAA



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Restriction Sites:	Please inquire
ACCN:	NM_018370
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:	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.
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_018370.2 , NP_060840.2
RefSeq Size:	3553 bp
RefSeq ORF:	717 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]