

Product datasheet for **SC324429**

DBR1 (NM_016216) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DBR1 (NM_016216) Human Untagged Clone
Tag:	Tag Free
Symbol:	DBR1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_016216.2
 CGGGAGCTGAGCGATCAGTCGGTCTGGGCTGGCTGTGGTGTAGGGCGTTGCAGGCAGCG
 CTCACCTCCTCAGGCCGGCAGAAATGCGGGTGGCTGTGGCTGGCTGCTGCCACGGCGAGCT
 GGATAAGATCTATGAGACGCTGGCGCTGGCAGAGCGGCGCGGCCCGGGGCTGTGACCT
 CTTGCTGTGCTGCGGCGACTTCCAGGCGGTGCGCAACGAGGCGGATCTACGCTGCATGGC
 CGTGCCGCCAAGTATCGTCACATGCAAACCTTCTACAGGTATTACTCTGGAGAGAAAAA
 GGCTCCAGTTCTCAGCTCTTTCATTGGGGGAAACCATGAAGCTCAAATCATTGCAAGA
 GTTACCCTATGGTGGCTGGGTGGCACCAACATTTATTATTTAGTTTGGCTGGTGTGGT
 AAAATACCGAGGTGTAAGGATCGGTGGAATCTCTGGTATCTTTAAATCTCATGACTATCG
 AAAAGTCATTTTGTAGTCCCCCTTATAATTCATCTACAATCAGGAGTATATATCATGT
 GAGAAATATTGAAGTCTATAAATTAACAGCTGAAGCAGCCTATAGATATATTCTTGTG
 TCATGATTGGCCAAGAAGTATATATCATTATGAAATAAGAAGCAACTTCTTAAGACTAA
 ATCTTTTTTCCGACAAGAAGTGGAAAATAACACATTAGGAAGTCCAGCTGCCTCAGAGCT
 TTTAGAGCATCTCAAACCTACTTATTGGTTTTCTGCCACCTTCATGTGAAGTTTGCCGC
 CTTGATGCAGCATCAGGCAAAGGATAAAGGACAGACAGCCAGAGCAACCAATTTTTAGC
 CTTGGACAAATGCTTACCACATAGAGATTTTCTCAGATATTAGAGATAGAACATGACCC
 CAGTGCTCCTGATTACTTGAATATGATATTGAATGGCTCACTATTCTCAGGGCTACGGA
 TGATCTTATTAATGTGACTGGGCGCTGTGGAATATGCCAGAAAATAATGGCCTGCATGC
 AAGGTGGGATTATAGTGAACAGAAAGGATGAAAGAAGTATTGGAATAATGAATCA
 TGATCTCAAGGTTCCATGTAACCTTATGTAACAGCTGCTTGTATGATCCTAGCAAGCC
 ACAGACACAAATGCAGCTGATTCATAGGATCAATCCTCAGACTACTGAATTTTGTGCCA
 ACTTGGCATCATAGACATCAATGTTAGGCTTCAGAAGTCCAAGGAAGAACATCATGTGTG
 TGGTGAATATGAAGAACAGGATGATGTGGAGAGTAACTGACTCTGGAGAAGACCAGAGTGA
 ATATAATACAGACACATCTGCTCTGTCTTCTATTAATCCAGATGAAATAATGTTAGATGA
 AGAAGAAGATGAAGATAGTATTGTAAGTGCACATAGTGGCATGAATACACCATCGGTAGA
 ACCTTCTGATCAAGCTTCTGAGTTTTCTGCAAGTTTCTCTGATGTCAGGATCTTGCCAGG
 CTCTATGATTGTATCTTCTGATGATACGGTGGATTCCACAATTGATAGAGAGGGGAAACC
 TGGTGGGACTGTGGAGTCAAGGAATGGAGAGGACTTAACCAAGGTGCCATTGAAGAGGCT
 GAGTGATGAACATGAACCTGAACAAAGAAAGAAAATTAAGAGGAGGAATCAAGCCATTTA
 CGCTGCAGTGGATGATGATGATGATGATGCAGCTTAAGATGATTTACTTGTGTTTTT
 GTGTTTGTGTTTTGTTTTGAGATGGAGTTTCACTCTTGTACCTAGACTGGAGTGAAT
 GCGGTGATCTCGCTCACCGCAACCTCCGCTCCAGGTTCAAGCAATTCTCCTGCCTCA
 GCCTCCCAAGTAGGTGGGACTACAGGTGCCCGCCACCACACCCGGCTAATTTTTGCATTT
 TTAGTAATGACAGGGTTTACCATGTTGGCCAGGCTGGTCTCAAACCTCCTGACCTCAGGC
 GATCCACCTGTCTGGCCTTCTAAAGTGTGGGATTACAGGCGTGAGCCACTGTGCCTGG
 CCGACAATTTACTTGTCTTAGTATTATATGTAGATATGTGATTTTTTGTAGACTGTATTT
 TAGAGCTGAATTTTTGACTAAAGACTTAACTTTATAATAATGAAGATACATTAGAGAATT
 TTAGTTAGATATTGACTTTATCTTTAGGCTTTTGTATGTTTCAGATGCAAACATATTTAA
 GTTTCATATATTTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_016216

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:	<u>NM_016216.2</u> , <u>NP_057300.2</u>
RefSeq Size:	2667 bp
RefSeq ORF:	1635 bp
Locus ID:	51163
UniProt ID:	<u>Q9UK59</u>
Cytogenetics:	3q22.3
Domains:	Metallophos, DBR1
Gene Summary:	The protein encoded by this gene is an RNA lariat debranching enzyme that hydrolyzes 2'-5' prime branched phosphodiester bonds. The encoded protein specifically targets the bonds at the branch point of excised lariat intron RNA, converting them to linear molecules that are then degraded. This protein may also be involved in retroviral replication. [provided by RefSeq, Nov 2011]