

Product datasheet for **SC301468**

DALRD3 (NM_001009996) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | DALRD3 (NM_001009996) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | DALRD3 |
| Synonyms: | EIEE86 |
| Vector: | <u>pCMV6 series</u> |
| Fully Sequenced ORF: | >NCBI ORF sequence for NM_001009996, the custom clone sequence may differ by one or more nucleotides |

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ATGGCGACCAGGCGCCTTGGGGTCGGGGAGACGCTGGGGGCCCTCAACGCGGCCCTGGGG
CCAGGCGGTCCGGTGTGGATCAAGGAGACGCGCACCCGCCACCTGCGTCCCGAGACTTT
CTGGCACCGCACCGCGCTGCAGGCGCGCTTCGATGACGGCCAGGTTCCGGAGCATTG
CTCCATGCCCTCGCTGCCTGCAGGGCCCCGGTGTGGCCCCGGTCTGCGCTGCGCGCCG
ACCCCCGGGGTCTGTCTCTCCTCAACTGCAGCGGTCCGCCGTCTTCGAGCGCTCCTCAGC
GCCGTGGCCGCTATGCCACGCCCGCTGCCTGCCTCGCTGGCCAGCGCGTCTACTA
CACTGCCAGCACTGCGCAGCTCCCCCTGCGCACTCCGCTTGAGCCAGCTGCGTACGGTG
CTCGTGGCCGATCACCTGGCGCAGCCCTGCGCGCTCACGGGGTGTGCGTGCCTAGTG
CCAGCTGTGCGGGATCCGCACATGCTGACCTTCCTGCAGCAACTGCGGGTGGACTGGCCC
GCTGCCTCGGAGAGAGCTTCTCCACACCCTGAGGAGCCACGCCCTTGAAGAACTTACC
TCTGCTAATGACGGGAGGACACTGTCCCCTGGCATCCTAGGCAGACTGTGTCTGAAGGAG
CTGGTGAAGAACAGGGCCGCACAGCTGGCTATGACCCCAACTGGACAAGTGTCTGGTG
ACTGAGGATCTCCTCTCTGTGCTGGCTGAGCTGCAAGAGGCTCTATGGCATTGGCCCGAG
GACAGCCACCCAGGCTGGCTGGGGCCTCAGATACTGGTACAGGGCGCTGCCTGGTTGTA
CATGTTTGTAGCTGTGAGGAGGAGTTCAGCAACAGAAGTTGGACCTGCTTTGGCAGAAG
TTGGTTGACAAGGCTCCACTCAGACAGAAGCACCTCATCTGTGGCCTGTGAAAGTAGCT
GGTGACCTGGCACTCTGATGACTGCCCTGAGTACTACGAGTTCGGCATAACCCAGGTG
TGCAAGGCCTCAGCACTGAAGCATGGTGGGGATCTGGCACAAGACCCAGCCTGGACAGAG
ATCTTTGGTGTCTCTGTGGCCACCATCAAGTTTGGATGCTGAGCACAGCCCCACAG
AGTCAGCTCTTCTGGCTCTGGCTGACAGCAGTATCTCCACGAAGGGCACAAAGAGTGGC
ACCTTTGTCATGTATAATTGTGCCCGTCTTGCCCACTCTTTGAGAGTTACAAGTGTAGT
ATGGAACAAGGTCTGTACCCCACTTTTCTCCTGTGAGCAGTCTGGACTTCTCACTGCTA
CATGATGAGGGTGTGAGTGGTTGTGCTCTTCAACAGTATCTCCCTTTCCGGATCTGCTG
AGCCGGACAGCAGTGTGGACTGCACAGCCCCGGGGCTCCACATTGCTGTACGCACAGAG
ATGATATGCAAGTTCCTGGTACAGCTCAGCATGGATTTAGCTCCTACTACAACCCGGTA
CACATCTGGGGGAGCCTCGACCACACCTTTTGGTCAGATGTTTCGTCGCCCTGCAGCTT
CTGAGAGCTGTGCGTGAGGTGCTCCATACTGGCCTGGCTATGCTGGGTCTCCCTCCACTG
AGCCACATTTAA

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|-------------------------------|---|
| Restriction Sites: | Please inquire |
| ACCN: | NM_001009996 |
| 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_001009996.1</u> , <u>NP_001009996.1</u> |
| RefSeq Size: | 2238 bp |
| RefSeq ORF: | 1632 bp |
| Locus ID: | 55152 |
| UniProt ID: | <u>Q5D0E6</u> |
| Cytogenetics: | 3p21.31 |
| Gene Summary: | <p>The exact function of this gene is not known. It encodes a protein with a DALR anticodon binding domain similar to that of class Ia aminoacyl tRNA synthetases. This gene is located in a cluster of genes (with a complex sense-anti-sense genome architecture) on chromosome 3, and contains two micro RNA (miRNA) precursors (mir-425 and mir-191) in one of its introns. Preferential expression of this gene (the miRNAs and other genes in the cluster) in testis suggests a role of this gene in spermatogenesis (PMID:19906709). [provided by RefSeq, Feb 2013]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p> |