

Product datasheet for **RN212819**

Dlat (NM_031025) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dlat (NM_031025) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dlat
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212819 representing NM_031025
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTGGCGCTGTGCGCGGAGGGTGCAGAGTGTCTGCCAGGGCCGGTTCCAGGGCTCGGTGGGCAA
 CTTTGAAGGGCCCGCGACCGGCCCGCCGAGTTCGTTGCGGCAGTGGGATACCCAGCTATGGGGTCCG
 CTGTTGTGCGGCTGGAGCTACGGCTCTGCCACCGTCCCACGTAACCGCATACTGCAACAACCTCTGGG
 TCGCCAGCCCGCTCTATAGCCTCCCTCCGCACCAGAAGGTTCCACTACCTTCACTTTCCCTACAA
 TGCAGGCAGGCACCATAGCCCGTGGGAAAAAAGAAGGGAAAAAATCAGTGAGGGTATCTAATTGC
 AGAGGTTGAAACTGATAAAGCCACTGTTGGATTTGAGAGCTTGGAGGAGTCTATATGGCAAAGATCCTT
 GTTCTGAGGGGACCAGAGATGTTCCAGTAGGATCTATCATTTGTATCACAGTTGAAAAGCCTCAGGATA
 TTGAGGCCTTTAAAAATTATACATTGGATTGAGCAACAGCTGCCACACAGGCAGCCCGAGCCCGAGCTGC
 AGCTCCAGCTGCTGCCCGAGCTGCACCTTCTGCAAGTGTCCAGGTAGCTCCTATCCCGTTCACATGCAG
 ATTGTTCTTCTGCCCTCTCCCAACCATGACCATGGGCACCGTCCAGAGGTGGGAAAAAGAAAGTGGGAG
 AGAAGCTGAGTGAAGGAGACTTGTGTCAGAGATAGAGACCGACAAGGCCACCATAGGCTTTGAAGTACA
 AGAAGAAGGTTATCTGGCAAAAATCCTGGTCCCTGAAGGCACAAGGGATGTTCTCTGGGAACCCCGCTA
 TGTATCATAGTAGAAAAACAGGAAGATATAGCAGCATTTCGAGACTACAGGCCAACAGAAGTGACCAGCT
 TAAAGCCACAGGCACCACCACCTGTCCCACCCAGTGGCAGCTGTTCTCCCATCCCCAGCCTTTAGC
 ACCTACCCCTCAGCCGCTCTGCTGGACCAAGGGAAGGGTGTTCGTTAGCCCTCTTGC AAAGAAATTG
 GCAGCAGAGAAAGGATTGACCTCACCAAGTTAAAGGGACGGGACCAGAAGGCAGAATCATCAAGAAGG
 ACATTGACTCTTTTGTGCCTACTAAGGCTGCTCCTGCCGCTGCAGCAGCTGCTCCCGGGTCCAAGAGT
 GGCACCAACTCTGCAGGTGTCTTCATAGACATCCCATCAGCAACATTGTCGAGTGATTGCGCAGAGG
 CTCATGCAGTGAAGCAGACTATACCTCATTATTACCTTTCTGTTGATGTAATATGGGAGAGGTGCTGT
 TGGTGGGAAGGAACTTAATAAGATGCTTGAAGGTAAAGGAAAAATCTCCGTCAATGACTTCATCATAAA
 AGCTTCAGCTTTGGCCTGCCTGAAAGTTCCTGAAGCAAATCATCTTGGATGGACACAGTTATACGACAA
 AATCATGTGGTTGATGTCAGCGTTGCTGTCAGTACCCCTGCAGGACTTATCACCCCTATTGTGTTTAAATG
 CACACATAAAAGGACTGGAAACCATTGCTAGTGATGTTGTTTCTTTAGCCTCAAAGCAAGAGAGGGTAA
 ACTTCAGCCTCAGAGTTCAGGGTGGGACATTTACAATCTCAAATAGGGATGTTCCGGAATTAAGAT
 TTCTCTGCGATTATAACCCACCTCAGGCATGATTTTGGCAATTGGTGCTTCCGAGGATAAACTGATCC
 CTGCAGATAATGAGAAAGGCTTTGACGTGGCTAGTGTGATGTCTGTCACACTCAGCTGTGATCATCGAGT
 TGTGGATGGAGCAGTTGGAGCCAGTGGCTTGCTGAATTCAAAAAGTACCTTGAAAAGCCTGTAACATATG
 TTATTATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_031025
- Insert Size:** 1899 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:

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_031025.1](#), [NP_112287.1](#)

RefSeq Size: 2628 bp

RefSeq ORF: 1899 bp

Locus ID: 81654

UniProt ID: [P08461](#)

Cytogenetics: 8q23

Gene Summary: putative dihydrolipoamide acetyltransferase [RGD, Feb 2006]