

Product datasheet for MC209925

Dlg3 (NM_001177780) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dlg3 (NM_001177780) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dlg3
Synonyms: Dlg3; mKIAA1232; SAP102
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209925 representing NM_001177780
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGAACAGCAGCATGAGTTCTGGGTCTGGGTCTCTCCGAACCAAGTGAAGAAGAGTCTTGTATGTCA
 GGGCCCTGTTGATTATGATCGGACTCGTGACAGCTGTCTACCAAGCCAGGGACTCAGTTTCTCTTATGG
 TGACATTTCTGCAGTCATTAACGCCTCTGATGATGAGTGGTGGCAAGCAAGGCTGGTGCATCCTCATGGA
 GAGAGTGAACAGATCGGTGTGATCCCTAGTAAAAAGAGGGTGGAAAAGAAAGAGCGGACTCGATTGAAAA
 CTGTGAAGTTCCATGCCAGGACAGGGATGATTGAGTCTAATCGGTGATCAAAACGAAACGTAAAAAGAG
 TTTTCGCCTCTCTCGAAAGTTTCCATTTTACAAGAGCAAAGAAAACATGGCCAGGAGAACAGCATACAG
 GAACAGGGAGTGACATCCAACACCAGTGACAGCGAAAGCAGTTCCAAAGGACAAGAGGATGCTATTTTGT
 CATATGAGCCAGTGACACGACAAGAAATCACTATGCCAGGCCTGTGATCATCTTGGGCCAATGAAGGA
 CCGAGTCAACGATGACCTCATCTCTGAGTTCCTGCATAAATTTGGATCCTGTGTGCCACATACCACCCGG
 CCTCGGCGTGATAACGAGGTAGATGGACAGGATTACCACTTTGTGGTTTCCCGGGAACAAATGGAGAAGG
 ATATTCAGGACAACAAGTTCATTGAGCGGGCCAGTTCAATGATAATCTCTATGGGACCAGCATCCAGTC
 TGTGCGGCAGTTGCAGAGAGGGGCAAGCACTGCATCTTAGATGTCTCCGGCAACGCCATAAAGAGACTG
 CAGCAAGCACAACCTTTATCCCATTGCCATTTTCATCAAGCCCAAGTCCATTGAAGCACTTATGAAATGA
 ACCGACGGCAGACATACGAACAAGCAAATAAGATCTTTGATAAAGCCATGAAACTGGAGCAAGAATTTGG
 AGAATACTTTACAGCCATTGTACAGGGTGACTCACTGGAAGAGATTTATAACAAAATCAAACAAATCATT
 GAGGACCAGTCTGGGCACTACATTTGGTCCCATCCCCTGAAAAACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001177780



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Insert Size:	1101 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:	<u>NM_001177780.1, NP_001171251.1</u>
RefSeq Size:	3348 bp
RefSeq ORF:	1101 bp
Locus ID:	53310
Cytogenetics:	X C3
Gene Summary:	<p>Required for learning most likely through its role in synaptic plasticity following NMDA receptor signaling.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR, contains multiple differences in the coding region, and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (4) is shorter than isoform 1.</p>