

Product datasheet for **MC220788**

Dlgh3 (BC094368) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dlgh3 (BC094368) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dlgh3
Synonyms:	SAP102, DLG3, mKIAA1232
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC094368
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACAAGCACCAGCACTGCTGTAAGTCCCCGAGTGCCTATGAGGTGACCCGCCTGGCCGCCCTGCGGC
 GTCTTGAGCCTCCTGGCTACGGGGACTGGCAGGTGCCGGACCCCTATGGGCCAAGTGGGGCAATGGGGC
 TAGCTCCGGTTATGGAGGCTACAGCTCGCAGACCCCTGCCTTCACAGGCAGGGGCTACCCCAACCCCTCGC
 ACCAAGGCCAAGCTCATCCACAGGCCGAGATGTGGGGCAGTGCCCCCTAAGCCAGTCCCCGGCAAGA
 GCACCCAAAACCAACGGCAGTGGCCCGGCTGGTGGCCGAGTGACCTGTACCAACCGGACTGGTA
 TGAGCAGGTGAATGGCAGTATGGCATGTTCAAGTATGAGGAGATAGTACTGGAACGGGGCAACTCTGGC
 CTTGGCTTCAGTATCGCAGGTGGCATCGACAACCCCTCATGTCCCTGATGACCCTGGCATCTTTATTACCA
 AGATCATTCTGGTGGAGCAGCTGCCATGGATGGGAGGCTGGGGTGAATGACTGTGTGCTACGGGTGAA
 TGAGGTGGACGTGTCGAGGTGGTGCACAGCCGGCCGCTGGAGGCACTGAAGGAGCAGGCCCTGTGGTG
 CGGTTGGTGGTGGGAGGCGACAGCCCACTGAGACTATCATGGAGGTCAACCTGCTCAAAGGGCCAA
 AAGGCCTAGGTTTCAGCATTGCTGGGGGCAATTGGCAACCAGCACATCCCAGGAGACAACAGCATCTATAT
 CACCAAGATCATTGAAGGAGGAGCTGCTCAGAAGGATGGACGCCTACAGATTGGGGACCGGCTGCTTGCG
 GTGAACAATACCAATCTGCAGGATGTGAGGCATGAGGAAGCTGTGGCCTCACTCAAGAACACATCAGACA
 TGGTCTATCTGAAGTGGCCAAGCCAGGCAGCATCCACCTCAACGATATGTATGCTCCCCCTGACTATGC
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 GAGAGCAAGGTCACCTACCCTGCTCCACCTCAGGTGCCCCCTACTCGTTACTCTCTATTCCAGACACA
 TGCTGGCTGAGGAAGACTTTACCAGAGAGCCCGCAAGATCACTCTGCACAAAGTTCTACAGCCCTGGG
 CTTCAACATTGTAGGAGGAGAAGATGGAGAAGGCATTTTTGTTTCCTTCATCCTGGCGGGAGGCCAGCA
 GACCTAAGTGGGAGTTGCGAAGGGGAGACCGGATCTTATCGGTAATGGAGTCAACCTGAGGAATGCTA
 CCCACGAGCAAGCAGCGGCTGCTCTGAAACGGGCTGGCCAGTCAGTCACCATTGTGGCCAGTATAGACC
 TGAAGAGTACAGTCGCTTGAATCCAAGATCCATGACTTGCAGGAAACAAATGATGAACAGCAGCATGAGT
 TCTGGGTCTGGTCTCTCCGAACCAGTGAAGAGGTCCTTGTATGTGAGGGCCCTGTTTGATTATGATC
 GGACTCGTGACAGCTGTCTACCAAGCCAGGACTCAGTTTCTCTTATGGTGACATTCTGCACGTCATTAA
 CGCCTCTGATGATGAGTGGTGGCAAGCAAGGCTGGTACTCCTCATGGAGAGAGTGAACAGATCGGTGTG
 ATCCCTAGTAAAAGAGGTTGAAAAGAAAGAGCGAGCTCGATTGAAAACGTGAAGTTCATGCCAGGA
 CAGGGATGATTGAGTCTAATCGGACTTCCCTGGGTTAAGTGACGATTATTATGGAGCAAAGAACCTGAA
 AGGACAAGAGGATGCTATTTTGTATATGAGCCAGTGACACGACAAGAAATTCATATGCCAGGCCCTGTG
 ATCATCTTGGGCCAATGAAGGACCGAGTCAACGATGACCTCATCTGAGTTCGCCGATAAATTTGGAT
 CCTGTGTGCCACATACCACCCGGCTCGGCGTGATAACGAGGTAGATGGACAGGATTACCACTTTGTGGT
 TTCCCGGAACAAATGGAGAAGGATATTCAGGACAACAAGTTCATTGAGGCGGGCCAGTTCAATGATAAT
 CTCTATGGGACCAGCATCCAGTCTGTGCGGGCAGTTGCAGAGAGGGGCAAGCACTGCATCTTAGATGTCT
 CCGGCAACGCCATAAAGAGACTGCAGCAAGCACAACCTTATCCATTGCCATTTTCATCAAGCCCAAGTC
 CATTGAAGCACTTATGGAATGAACCGACGGCAGACATACGAACAAGCAAATAAGATCTTTGATAAAGCC
 ATGAAACTGGAGCAAGAATTTGGAGAATACTTTACAGCCATTGTACAGGGTGACTACTGGAAGAGATTT
 ATAACAAAATCAAACAAATCATTGAGGACCAGTCTGGGCACTACATTTGGTCCCATCCCCTGAAAACCT
 CTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC094368
Insert Size: 2454 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:	BC094368 , AAH94368
RefSeq Size:	4912 bp
RefSeq ORF:	2453 bp
Locus ID:	53310
Cytogenetics:	X C3
Gene Summary:	Required for learning most likely through its role in synaptic plasticity following NMDA receptor signaling.[UniProtKB/Swiss-Prot Function]