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Product datasheet for MC224698

Dip2a (NM_001081419) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dip2a (NM_001081419) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dip2a
Synonyms:	4931420H10Rik; AI426328; Dip2; Kiaa0184-hp; mKIAA0184
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224698 representing NM_001081419 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCCGACCGCGGATGCCCTCTGGAGGCGGCGCCGCTGCCCGCCGAGGTGCTCGAGAGCCTGGCGGAGC TGGAGCTGGAGCTGTCCGAAGGTGACATCACTCAGAAAGGATATGAGAAGAAGAGGGCGAAGCTGCTGGC TCGGTACATCCCCCTCATTCAAGGAGTAGACCCATGTCTGCAGACAGAGAATAGAATTCCCGGGCCCTTG CTGACGGCAGCTACCGCTAAACCACAGAAGTCTCGGGCTACCAACTCCAGGGATGAGCGCTTCCGGTCAG ATGTTCACACGGAAGCCGTGCAAGCAGCTTTGGCCAAGTACAAGGAGAGGAAGATGCCCATGCCTTCAAA GAGACGCTCCGCCCTTGTGCACTCCTCCGTTGAGACCTACACGCCTCCAGACACGTCATCTGCCTCAGAA GATGAGGGCTCTTTACGGCGACCTGGGCGACTCACCTCCACTCTGCTCCAGAGCCATTCCGGCATCGAGC CCTGGCTCGACAGGGTCATTCAGGGCTCCTCCACTTCATCCTCTGCATCCTCCACCTCATCCCACCCGGG AGGGAGACCTGCTGCTGCTCCCAGTGCCTCCACTGCGCTCGCAGGCCTCACGGCCCACGCCCACATAGAT CTGCACTCTGCCCCACCGGATGTCACCACTGGGCTTGTGGAGCACTCATCCTACGAGCGTCCCCAGATGG CCTCTGTGCGAGGCATTCCTCGAGGGCACGGCAGGAACGTGCTGGAGACCGCGGACGGTGTGCCTGTGAA CAGCAGAGTGTCCTCCAAAATCCAGCAGCTACTGAACACCCTGAAGAGGCCAAAGCGCCCTCCTCTGAAG GAATTTTTTGTGGATGATTTTGAGGAGTTACTGGAAGTTCAGCAACCAGATCCGAACCAGCCCAAGCCTG AGGGGGATCAGATGGCCGTACTGAAGGGAGAGCCTCTGTCAGTGGGGACTAATGGGCCACTGTCTCTGTT GGCTGCACTGCAGCTCTGGGGCACAACACAGCCGAAAGCCCCCTGTCTGACTGCCTTGGACACAGCGGGG AAAGCCACCTGCACCCTGACCTATGGCAAACTCTGGAGTCGGAGTCTAAAATTAGCGTATACTCTACTTA ACAAACTGACTAGTAAGAATGAGCCCCTGCTTAACCCTGGAGACAGAGTGGCACTCGTGTTTCCAAACAG TGACCCTGTCATGTTCATGGTGGCGTTCTACGGGTGTCTCCTGGCGGAGCTGGTCCCTGTCCCTATAGAA GTACCACTAACGAGAAAGGATGCAGGCAGCCAGCAGGTTGGGTTTCTCCTGGGCAGCTGTGGGGTGACCC TGGCCCTGACCACAGATGCTTGTCAGAAGGGTCTGCCCAAGGCACCGACAGGCGAGGTGGCCACTTTCAA AGGTTGGCCCCCCCTCGCCTGGCTGGTGATTGATGGGAAGCATCTGACGAGGCCTCCAAAGGACTGGTAC CCGCTGGCCCAGGACACAGGGTCCAGGACTGCCTACATTGAATATAAAACCAGCAAAGAAGGCAGCACAG

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CCTTGTGGTGGGCGTGGTGGTCATCGTGGATCCCGGAGTGATCCCCATCAACTCTCGGGGCGAGAAGCAA
CGCATGCACCTGCGAGATGGCTTCCTGGCTGACCAGCTGGACCCCATCTACGTGGCCTACAATATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001081419

Insert Size:	4689 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_001081419.2, NP_001074888.2
RefSeq Size:	6370 bp
RefSeq ORF:	4689 bp
Locus ID:	64451
UniProt ID:	Q8BWT5
Cytogenetics:	10 38.76 cM
Gene Summary:	May provide positional cues for axon pathfinding and patterning in the central nervous system.[UniProtKB/Swiss-Prot Function]