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Product datasheet for MC228797

Epb41l1 (NM_001291123) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Epb41l1 (NM_001291123) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Epb41l1
Synonyms:	4.1N; Epb4.1l1; mKIAA0338; NBL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC228797 representing NM_001291123
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACAACAGAGACAGGTCCCGATTCTGAGGTGAAGAAGGCTCAGGAGGAGACTCCACAGCAGCCCGAGG
CTGCCGCAGCTGTGACCACCCCGGTGACCCCCGCGGGCCACAGCCACCCAGAGACCAATTCCAATGAGAA
GCATCTGACCCAGCAGGACACGAGGCCTGCTGAACAGAGCCTGGATATGGACGATAAGGATTACAGTGAG
GCCGATGGCCTGTCGGAGAGGACCACGCCCAGTAAGGCCCAGAAGTCACCTCAGAAGATTGCCAAGAAGT
TCAAGAGTGCCATATGCCGCGTCACCCTGCTCGATGCTTCTGAGTATGAGTGTGAAGTGGAGAAGCACGG
CCGGGGCCAGGTGCTGTTTGACCTGGTCTGTGAGCACCTTAACCTCCTGGAGAAGGACTACTTCGGTCTG
ACCTACTGTGATGCTGACAGCCAGAAGAATTGGCTGGACCCCTCCAAGGAAATCAAGAAGCAGATCCGGA
GTAGCCCCTGGAACTTTGCCTTCACAGTCAAGTTCTACCCTCCTGACCCAGCTCAGCTGACAGAAGACAT
CACAAGGTACTACCTGTGCCTGCAGCTGAGGGCAGACATTATCACAGGCCGCCTGCCTTGCTCCTTTGTC
ACGCATGCCCTTCTGGGCTCCTACGCTGTGCAGGCTGAACTGGGTGACTATGATGCCGAGGAACACGTGG
GCAACTATGTCAGTGAGCTCCGCTTCGCCCCAAACCAGACCCGGGAGCTGGAGGAGAGGATCATGGAGTT
GCATAAGACATACAGGGGCATGACCCCGGGCGAGGCAGAGATCCACTTCCTGGAGAACGCCAAGAAGCTC
TCCATGTATGGAGTTGACCTGCATCACGCTAAGGATTCTGAGGGCATCGATATCATGCTAGGTGTCTGTG
CCAATGGCCTGCTCATCTACCGGGACCGCCTGAGAATCAACCGCTTTGCCTGGCCCAAGATTCTCAAGAT
CTCCTACAAGAGGAGTAACTTCTACATCAAGATCCGGCCTGGGGAGTATGAGCAGTTTGAGAGCACCATC
GGCTTCAAGCTCCCTAACCACCGCTCAGCCAAGCGGTTGTGGAAGGTCTGCATCGAGCACCACACGTTCT
TCCGGCTGGTGTCACCGGAGCCCCCACCCAAGGGCTTTCTGGTGATGGGCTCCAAGTTCCGGTACAGTGG
GAGGACGCAGGCCCAGACCCGCCAAGCCAGTGCCCTTATCGACCGACCCGCCCCCTTCTTTGAACGTTCT
TCCAGCAAACGCTATACCATGTCCCGCAGCCTTGATGGAGAGTTCTCCCGCCCTGCCTCAGTCAGTGAGA
ATCACGATGCAGGGCCTGACGGTGACAAGCGGGAAGATGACGCCGAGTCAGGGGGACGCCGATCAGAGGC
TGAAGAAGGAGAGGTCAGGACACCCACCAAGATCAAGGAGCTGAAGTTCCTGGACAAGCCAGAGGATGTC
TTGTTGAAGCACCAGGCCAGCATCAATGAACTCAAGAGGACCCTGAAGGAGCCCAACAGCAAACTGATCC
ACCGGGATCGAGACTGGGATCGGGAGCGCAGGCTGCCCTCGTCGCCTGCCTCCCCCTCCCCCAAGGGCAC
CCCGGAAAAAGCCAGTGAGTCTGTGAAAGCAGAAACCATGACCGTCAGCAGTCTGGCAATCAGGAAGAAG
ATTGAGCCAGAGGCCATGCTGCAAAGCAGAGTCTCCGCTGCAGACAGCACCCAGGTTGATGGGGGTACTC
CAATGGTGAAAGACTTCATGACAACTCCCCCCTGCATCACCACAGAGACCATCTCAACCACCATGGAGAA
CAGTCTCAAGTCCGGGAAGGGGGCAGCTGCCATGATCCCAGGCCCACAGACGGTGGCCACGGAAATCCGT
TCTCTTTCACCGATCATCGGGAAAGATGTCCTCACCAGCACGTACGGCGCCACCGCGGAAACCCTCTCAA
CCTCTACCACCACCCATGTCACCAAAACTGTGAAGGGAGGGTTTTCTGAGACAAGGATCGAAAAGCGAAT
CATCATTACTGGGGATGAAGATGTCGATCAAGACCAGGCCCTGGCTTTGGCCATCAAGGAAGCCAAACTA
CAGCATCCAGACATGCTGGTAACCAAAGCTGTTGTCTATAGAGAAACAGACCCATCCCCGGAGGAGAGAG
ACAAGAAGCCACAGGAATCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001291123

Insert Size: 2193 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).

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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001291123.1, NP_001278052.1
RefSeq Size:	6059 bp
RefSeq ORF:	2193 bp
Locus ID:	13821
UniProt ID:	Q9Z2H5
Cytogenetics:	2 77.39 cM
Gene Summary:	May function to confer stability and plasticity to neuronal membrane via multiple interactions, including the spectrin-actin-based cytoskeleton, integral membrane channels and membrane-associated guanylate kinases.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (7) differs in the 5' UTR, and uses an alternate in-frame splice site and lacks two in-frame exons in the central coding region, compared to variant 1. The encoded isoform (e) is shorter than isoform a.

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