

Product datasheet for MC206172

Drctnnb1a (BC056381) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Drctnnb1a (BC056381) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Drctnnb1a
Synonyms:	AB030242; Drctnnb1a
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC056381

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>BC056381
GAAGATGGCTCGCCCGACTCGTGTGCTAGAAGGAGAGGGGCAGGTGGCGGGCTGCCGGCGGAGCGCA
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 AAAAAAAAAAAAAAAAAA

Restriction Sites:

Ascl-NotI

ACCN:

BC056381

Insert Size:

1566 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:	BC056381 , AAH56381
RefSeq Size:	4709 bp
RefSeq ORF:	1566 bp
Locus ID:	84652
Cytogenetics:	5 A3
Gene Summary:	Component of a complex required to localize phosphatidylinositol 4-kinase (PI4K) to the plasma membrane. The complex acts as a regulator of phosphatidylinositol 4-phosphate (PtdIns(4)P) synthesis. FAM126A plays a key role in oligodendrocytes formation, a cell type with expanded plasma membrane that requires generation of PtdIns(4)P. Its role in oligodendrocytes formation probably explains its importance in myelination of the central and peripheral nervous system. May also have a role in the beta-catenin/Lef signaling pathway.[UniProtKB/Swiss-Prot Function]