

Product datasheet for **MC211377**

Camk2n2 (NM_028420) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Camk2n2 (NM_028420) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Camk2n2
Synonyms:	2900075A18Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Restriction Sites:	Sgfl-MluI
ACCN:	NM_028420
Insert Size:	240 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_028420.2</u> , <u>NP_082696.1</u>
RefSeq Size:	1299 bp
RefSeq ORF:	240 bp
Locus ID:	73047



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UniProt ID: [Q78WH7](#)

Cytogenetics: 16 B1

Gene Summary: Potent and specific cellular inhibitor of CaM-kinase II (CAMK2). Traps Ca(2+)/calmodulin on CAMK2 (By similarity).[UniProtKB/Swiss-Prot Function]