

Product datasheet for **RN206065**

Acnat2 (NM_001014063) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Acnat2 (NM_001014063) Rat Untagged Clone

Tag: Tag Free

Symbol: Acnat2

Synonyms: MGC108791

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Restriction Sites: Sgfl-Mlul

ACCN: NM_001014063

Insert Size: 1257 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_001014063.1](#), [NP_001014085.1](#)

RefSeq Size: 2004 bp

RefSeq ORF: 1257 bp



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Locus ID: 313220

UniProt ID: [Q5FVR5](#)

Cytogenetics: 5q22

Gene Summary: Acyltransferase which efficiently conjugates very long-chain and long-chain fatty acids to taurine. Shows no conjugation activity in the presence of glycine (By similarity).
[UniProtKB/Swiss-Prot Function]