

Product datasheet for **RR204274**

Wnk1 (NM_001002823) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wnk1 (NM_001002823) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Wnk1
Synonyms: Hsn2; Prkwk1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR204274 representing NM_001002823
Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >RR204274 representing NM_001002823
 Red=Cloning site Green=Tags(s)

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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

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_001002823.2</u> , <u>NP_001002823.2</u>
RefSeq Size:	10497 bp
RefSeq ORF:	7905 bp
Locus ID:	116477
UniProt ID:	<u>Q9JIH7</u>
Cytogenetics:	4q42
MW:	279.6 kDa
Gene Summary:	catalyzes the phosphorylation of myelin basic protein in vitro; has autophosphorylation activity; may regulate the thiazide-sensitive Na-Cl cotransporter NCC [RGD, Feb 2006]