

Product datasheet for **RN204044**

Chn2 (NM_032084) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Chn2 (NM_032084) Rat Untagged Clone
Tag: Tag Free
Symbol: Chn2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204044 representing NM_032084
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCTTTCACGCTCTCCCGTCAACTGCTTGGACTCAGTTTGTGCACTTCGATAAATATCTCTTCACTGG
TCCGAAGAGCTGCCCTCACACACAATGACAACCCTTCAACTATGAGAAGACACACAACCTCAAGGTGCA
CACATTTGCGGGCCACACTGGTGTGAATACTGTGCCAATTTTATGTGGGGCTCATCGCCAGGGAGTC
CGGTGTTAGATTGTGGTTAAACGTACACAAACAATGTTCCAAGCACGTCCCAACGACTGCCAGCCCG
ATCTCAAGAGGATCAAGAAAGTATACTGTTGTGATCTCACCACACTTGTAAAAGCTCACAACACTCAGAG
ACCCATGGTGGTGGACATATGTATTCGGGAAATGAAGCAAGAGGATAAAATCAGAAGGGCTTTACAGA
GTCTCTGGGTTACAGAACACATTGAAGATGTCAAGATGGCGTTCGACAGAGATGGTAAAAGGCGGATA
TCTCTGCTAACATCTACCCAGACATAAACATCATCACCGAGCCCTGAACTGTACTTCAGAGACTTACC
CATCCCCATCATACATATGACACCTATACCAAGTTTATAGAGGCAGCAAAAATCTCCAATGCAGATGAG
AGGCTTGAAGCTGTCCATGAGGTCCTGATGCTGCTGCCTCCTGCCACTATGAGACCCTGCGCTACCTGA
TGATCCATCTCAAAAAGGTTACCATGAATGAAAAGGACAATTTAATGAACGCAGAAAATCTGGGGATCGT
GTTTGGGCCACCTGATGAGACCCCTGAAGACAGCACCTCACCACCTCCATGACATGCGGTACCAA
AAGCTGATCGTGAGATTTAATAGAAAACGAAGATGTTCTGTTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_032084
Insert Size: 888 bp



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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_032084.1</u> , <u>NP_114473.1</u>
RefSeq Size:	1118 bp
RefSeq ORF:	888 bp
Locus ID:	84031
UniProt ID:	<u>Q03070</u>
Cytogenetics:	4q24
Gene Summary:	binds and functions as GTPase-activating protein to p21 Rac; expressed exclusively in testis at onset of sexual maturation [RGD, Feb 2006]