

Product datasheet for **RN214739**

Sucnr1 (NM_001001518) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sucnr1 (NM_001001518) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sucnr1
Synonyms:	Gpr91
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214739 representing NM_001001518 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCACAGAATTTATCTTGTGAAAATTGGCTGGCATTAGAGAATATTTTGAAAAAGTACTACCTCTCTG
CATTTTATGGGATCGAGTTCATTGTTGGAATGCTTGGCAATTTCCACGTGGTGTTCGGCTACCTCTCTG
CATGAAGAACTGGAACAGTAGCAACGTCTATCTTTCAACCTTTCCATCTCTGACCTTGCTTTCCTGTGC
ACGCTTCCCATGCTGATAAGGAGTTACGCCACTGGAACTGGACCTATGGAGATGTTCTCTGCATAAGCA
ACGTTATGTGCTTCATGCCAACCTCTACACCAGCATCCTTTTCTCCTCCTTTTATTAGCATAGACCGATA
TCTGCTCATGAAGTTCCTTTCCGAGAACACTTCTACAAAAGAAGGAATTTGCCATTTTAACTCCCTG
GCTGTCTGGGTCTTAGTGACCTTAGAAGTTCTACCTATGCTCACGTTTATCACTTCCACCCCAATAGAAA
AGGGCGACAGCTGTGCGACTATGCAAGTTCTGGAAACCCTAAATACAGTCTCATTTACAGCCTGTGCC
GACTTTGCTGGGCTTCTCATTCTCTGTCTGTAATGTGCTTCTTCTACTACAAAATGGTAGTCTTCTTA
AAGAAGAGGAGCCAGCAGCAGGCAACTGTGCTATCGCTGAACAAACCTCTGCGCCTGGTGGTCTGGCAG
TGGTGATCTTCTGTACTCTTTACACCTTACCATATCATGCGCAATGTGAGGATTGCCTCACGCTTGA
TAGCTGGCCACAGGGATGTTCCAGAAGGCCATCAAATGCTTATACATCTGACCAGACCTCTGGCCTTT
CTGAACAGTGTGCAACCCCATCTTCTACTTCTTGTGGGAGACCATTTAGAGACATGCTGTTTAGTA
AGTTGAGACAATACTTCAAGTCCCTTACGTCTTACAGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1557_e07.zip

Restriction Sites: SgfI-MluI



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ACCN:	NM_001001518
Insert Size:	954 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_001001518.1</u> , <u>NP_001001518.1</u>
RefSeq Size:	954 bp
RefSeq ORF:	954 bp
Locus ID:	408199
UniProt ID:	<u>Q6IYF9</u>
Cytogenetics:	2q31
Gene Summary:	Receptor for succinate.[UniProtKB/Swiss-Prot Function]