

## Product datasheet for **RN212709**

### **Snrk (NM\_138833) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Snrk (NM_138833) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Snrk
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN212709 representing NM\_138833  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCAGGGTTCAAGCGAGGCTATGATGGAAAAATTGCTGGATTGTATGATCTGGATAAAACCTTGGGTC  
 GAGGTCACCTTCGAGTGGTCAAACCTGGCCAGGCATGCTTCCACAGGTGAGAAGGTGGCAGTGAAAGTCAT  
 TGACAAGACAAAGCTGGACACTCTAGCCACTGGTCACCTCTCCAGGAAGTCAGGTGCATGAAGCTAGTG  
 CAGCACCCCAACATCGTGCCTCTCTATGAGGTCATAGACACCCAGACCAAACCTGTATCTCATTCTAGAAC  
 TTGGAGATGGAGGAGATATGTTTGACTACATAATGAAGCAGCAGGAGGGTCTTAATGAAGACTTGGCAAA  
 GAAGTACTTTGCTCAGATAGTTCACGCTATATCCTATTGCCATAAACTCCATGTGGTTCCACAGAGACTTG  
 AAACCAGAGAATGTAGTCTTTTTGAAAAACAAGGTCTTGTGAAGTTGACAGACTTTGGCTTCAGCAACA  
 AGTTTCAGCCTGGAAAGAAGCTCACTACAAGCTGTGGATCTCTTGCCTACTCTGCTCCGAAATCCTGCT  
 TGGCGATGAGTACGATGCCCTGCAGTAGACATATGGAGCCTGGGTGTGATCCTTTTCATGCTGGTGTGT  
 GGGCAGCCGCCCTTCCAAGAAGCCAACGACAGTGAGACGCTGACCATGATCATGGACTGCAAGTACACTG  
 TGCCGCCCCGTGTGTCTGCAGGGTGCAGGGACCTCATCACACGGATGCTGCAGAGAGACCCAAAAGGAG  
 AGCCTCTCTGGAAGAGATTGAAAGCCACCTTGGCTCCAGGGAGTGGACCCCTCACAGCCACCAAGTAT  
 AACATTCCTCGTGTCTACAAGAACCTCTCGGAAGAGGAGCACAATAGCATCATCCAGCGCATGGTGC  
 TTGGGGACATCGCAGATCGAGATGCCATCGTAGAAGCCCTGGAACCAACAGGTACAACCACATCACCGC  
 CACTTACTTCTTACTTGTGAAAGGATCCTGCGAGAAAAGCAAGAGAAAGAAATACAGACCAGGTCTGCA  
 AGCCCCAGCAACATCAAGGCCAGTTCAGGCAGTCTGGCCAACATAAAATGATGTTCCCAAGACCTTG  
 AAGATGATCTCACTGCCACCCCTCTGTACATGCCACAGTCCCGCAGTCTCCTGCTCGGGTGGTGACAG  
 TGTCTCAATGGCCACAGGAGCAAGGCCCTGTGTGACCCTGCCAAGAAAGATGAGCTCCCGGAGCTGGCG  
 GGGCCAGCACTGTCCACTGTTCCACCCGAAGCCTGAAGCCCGCAGCCAGTGGGCGGAAGTGTCTTTCA  
 GGGTGAAGAAGATGAAGAGGAAGATGAGGAGGACAAGAAGCCTGTGTCCCTGTCCACGCAGGTGGTGTCT  
 GCGCCGGAAGCCATCAGTCACCAACCGCTGACATCTCGAAAGAGTGCCCGGTGCTCAATCAGATCTTC  
 GAGGAAGCGAGTCTGACGACGAGTTTGACATGGACGAGAACCTACCACCAAGCTGAGCCGGCTGAAGA  
 TGAACATCGCGTACCAGGCACAGTGCACAAGCGCTACCACCGCAGGAAAAGCCAGGGCCGTGGCTCGAG  
 CTGCAGCAGCTCTGAGACCAGCGATGATGACTCTGAGAGCCCGCGGGTGGACAAGGACAGTGGCTTG  
 GCTTACTCGTGGCACCGCGTGACAGCAGTGGGGGCCACCAGGCAGTGGGGCGATGGTGGCGGTGAGA  
 GCAAACCTAGCGCGGTGGTGGTGGACAAGCGAGTCCAGGAGAGCAGGGCACGGGCGCAGTGGCCA  
 GGGAGGCTCAGGTGGGACCCCATCGGGTACAGCAGGTTCTCCAGGCGCTGTGCAGGCCCTGACTCCTCC  
 TCATCCTCCCCGCTCTGCCGCTCCACGTGGTGCAGAGCTTGTGCAGAGCCTCAAACCTCGTGAGCCTGT  
 GTCTAGGCTCGCAGCTCCATGGCGCAAGTACATTCTGGACCCGAGAAGGCCTTGTGTCCAGCGTGAA  
 GGTGCAGGAGAGGTCCACTTGAAGATGTGCATCAGTGGCCAGGCCCGGCCCTCTGTGACCTTGAC  
 CCTGTGAGGACCAAGAAGCTGAGGAACAACGTGCTCCAGCTACCTCTGTGCGAGAAGACCATCTCCGTGA  
 ACATCCAACGCAGCCGAAGGAAGGGCTGCTCTGCGCTCCAGCCCCGCCAGTGTGCCACGTCATCTG  
 A

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_138833

**Insert Size:** 2241 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_138833.1</a></u> , <u><a href="#">NP_620188.1</a></u>
<b>RefSeq Size:</b>	3004 bp
<b>RefSeq ORF:</b>	2241 bp
<b>Locus ID:</b>	170837
<b>UniProt ID:</b>	<u><a href="#">Q63553</a></u>
<b>Cytogenetics:</b>	8q32
<b>Gene Summary:</b>	serine/threonine protein kinase; may be involved in the response to cellular stress [RGD, Feb 2006]