

## Product datasheet for **RN202864**

### Napsa (NM\_031670) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Napsa (NM_031670) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Napsa
Synonyms:	Kdap
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202864 representing NM_031670 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTTGCCACCACCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGGGAATTTGGAGCCTGCGGCCACAC  
TGATCCGAGTCCCTCTTCGCCGAATCCACCTGGACACAGGATCTTCAGCCACTGTATGGATGGGAACA  
GAGAGCAGAGCTTTCTAGGACCCACCTCCGGCGGCAAGACCGCTTTGTGCTCTATCCAAGTTCATG  
AACACCCAGTATTTGGAGACATTGGTTTGGGAACGCCTCCTCAGAATTCACAGTTGTCTTTGACACGG  
GTTCTTCCAACCTGTGGTTCCATCCACGAGATGTCATTTCTCAGTTTGGCCTGCTGGTCCACCATCG  
TTTTAATCCCAAGGCCTCCAGTCTCTTCGGCCCAATGGGACCAAGTTTGCATTAGATGGGACCGGG  
CGGCTGAGTGGAAATCCTGAGCCGGGATAATCTGACTATCGGCGGTATCCACAATGTTTCTGTGACCTTTG  
GAGAGGCTCTGTGGGAGCCAGCCTGGTCTTTGCTTTGGCCCGCTTTGATGGGATCCTGGGCTCGGCTT  
CCCCACTCTGGCTGTGGGAGGAGTTCAGCCTCCACTGGACGCACTGGTGGAGCAGCGACTGCTGGAGAAA  
CCCGTCTTCTCTTTTACCTCAACAGGGATTCTGAAGGGTCTGATGGGGGAGAGCTGGTCTGGGGGCT  
CGGACCCGGATCACTACGTACCTCCCTCACCTTATTCCAGTACCATCCCTGCATCGGAGGTCCA  
CATGCAGAGTGTGAAGTTGGCACGGGGCTGAATCTCTGCGCCAGGGCTGTGGTCCATCCTAGACACA  
GGCACATCCCTCATCACGGGACCCAGTGGAGAGATCCGGGCTTGAATAAGGCCGTTGGGGATTCCCCC  
TCCTGACCGGGCAGTACCTCATTAGTGTTCAGATCCAGAGCTCCCCACTGTCTCTCTCTCCCTCGG  
TGGAGTCTGGTTAACCTCACAGGTCAGGACTATGTCATCAAGATTCTTCAGAGTGTGGTCTGCTG  
CTGTTGGGCTTCAAGCCTTGGACATCCCCAAGCCTGAAGGACCCCTTTGGATCCTCGGGGACGTCTTTT  
TGGGGTCTATGTGGCCGCTTTGACCGAGGGGACAAAAACATCGGCCCGCGCTGGGACTGGCCGCTGC  
TCGGTCTCGTGCAACAGGACGGGCAGAAAGAAAGGCTACGCAAGCGCAGTTCTCAGAAGACGCCCTGGT  
TAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_031670
<b>Insert Size:</b>	1263 bp
<b>OTI Disclaimer:</b>	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_031670.2</a></u> , <u><a href="#">NP_113858.1</a></u>
<b>RefSeq Size:</b>	1434 bp
<b>RefSeq ORF:</b>	1263 bp
<b>Locus ID:</b>	60575
<b>Cytogenetics:</b>	1q22
<b>Gene Summary:</b>	putative endopeptidase; activity is inhibited by pepstatin [RGD, Feb 2006]