

## Product datasheet for RN213373

### Rabepk (NM\_001024871) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rabepk (NM_001024871) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rabepk
Synonyms:	9530020d24rik; RGD1310612
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213373 representing NM_001024871 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCAACCTGTACACAGTTCAGGCCGCCCTGACTAATTTGGGCACCATGAAGCAGCTGCCCATCTTGG  
AGCCCGGAGACAAGCCCAGAAAAGCTGCATGGTACACTCTGACTTGCCCTGGAGACAAGCCCTGCCCTCG  
AGTTGGCCACAGCTGCTCGTATTTTCCCCAGTTGGCGAGGCCGAGAAAGGAAGGTCTTCATTGTCGGG  
GGAGCAAATCAAACCAAAGCTTCTCAGATGTACACACCATGGATTTGGGAACACACCCGGTGGGACACGG  
CCACCAGGAGGGCCTCTTGCCTCGGTATGAGCATGCCAGCTTCCCTCCATCCTGCTCCTCACAGTAT  
CTGGGTGTTTGGAGGTGCAGACCAGTCAGGAAATCGAAACTGTCTACAAGTCATGAATCCCGAAGCCAGG  
ACATGGAGCACACCAGAAGTGACTGGCTGCCACCATCCCCAAGAACATTCCACACATCATCAGCAGCTA  
TTGGAAACCACCTCTACGTCTTTGGGGGAGGAGAGAGAGGTGCCAGCCCGTGCAGGATGTGAAGTTGCA  
TGATTTGACGCAAACTCTGACGTGGGCTCAGCCAGAGACGCATGGAAGTCTCCATCTCCCCGGCAC  
GGCCACGCGATGGTGGCAGCAGGGACAAAACCTTTCATCCATGGAGGACTGGCAGGGGACAGGTTCTTTG  
ATGATCTCCACTGCATTGATATTGGTGACATGAGCTGGCAGAAGCTTGGTCCCACCGTACTGCCCCAGT  
AGGCTGTGCTGCCATGCCGCCGTGGCTGTGGGACACCATGTGTATGTGTTTGGAGGAATGACTGCCACT  
GGAGCACTGAACACAATGTACAAGTACCACACAGAAAAGCAGCACTGGACCATACTTCAGTTTGACACTT  
CCCTCCCCCTGGACGCCTGGACCACTCATGTGTGTCATCCCATGGCCAGTGATGTCTGCTCTGACAC  
TGAAGACTCAGGTTCTGTATTCTCAGCCTCCAAGATGAGAAAAGGGGACGCTGCTGAGAAAACAGAGACC  
CGGAGTGGAGGTCCCGTGGAGAGTCCGACCACACTGCTGCTGTTTTGTGTTCCGTGGGATGAATA  
CAGAAGGGGAGATCTATGATGATTGTCTCGTGACCGTAGTGGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001024871
<b>Insert Size:</b>	1167 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_001024871.1</a></u> , <u><a href="#">NP_001020042.2</a></u>
<b>RefSeq Size:</b>	1616 bp
<b>RefSeq ORF:</b>	1167 bp
<b>Locus ID:</b>	296649
<b>UniProt ID:</b>	<u><a href="#">Q4V8F4</a></u>
<b>Cytogenetics:</b>	3p11
<b>Gene Summary:</b>	Rab9 effector required for endosome to trans-Golgi network (TGN) transport. [UniProtKB/Swiss-Prot Function]