

## Product datasheet for **RR209614**

### Gkn1 (NM\_198972) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gkn1 (NM\_198972) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Gkn1  
**Synonyms:** Amp18; Ca11; Fov; foveolin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR209614 representing NM\_198972  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGGGTTCACAGTCCTCATCGTTGGTCTGCTCGGGCTCCTCGCAGCTCCTGGCTTTGCTTACACTATCA  
ACATCAATGGTGACAGCAATGTAGACGGAAGTGGACAGCAGTCGGTGAGCATCAACGGTGTGCACAACGT  
GGCCAATATTGACAACAATAACGGCTGGGACTCCTGGAACAGCCTCTGGGACTATGAAAAATAGTTTGTCT  
GCAACGAGACTCTTTGCCAAGAAATCATGCATTGTGCACAAAATGAATAAGGACGCCATGCCCTCCCTTC  
AGGACCTCGATACACTGGTCAAGCAGCAAAAGGGTAAAGGGCCCGAGGGAGCATCTCCAAGGACTTGAT  
GTACTCCATCAACCCTACCAGAGTGGAGGACGTGAATACATTCGGGCCGAAGATTGCTAGCATGTGCCGG  
GGCATCCCTACCTATGTGGCTGAGGAGATTCCAGGACCAAAACCAGCCTTTGTACTCAAAGAAGTGCTACA  
CAGCTAACATACTCTGGATTCTGCGCATGTCCTTCTGTGAAACATCAGTGGAAACATAC

**ACGCGT**ACGCGGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR209614 representing NM\_198972  
Red=Cloning site Green=Tags(s)

MGFTVLIVGLLGLLAAPGFAYTININGDSNVDGSGQQSVSINGVHNVANIDNNGWDSWNSLWDYENSFA  
ATRLFAKKSCIVHKMNKDAMPQLQDLTLVKQKQKGPAGSPKDLMYSINPTRVEDVNTFGPKIASMCR  
GIPTYVAEEIPGNQPLYSKKCYTANILWILRMSFCETSVETY

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI



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<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_198972.1</a></u> , <u><a href="#">NP_945323.1</a></u>
<b>RefSeq Size:</b>	706 bp
<b>RefSeq ORF:</b>	552 bp
<b>Locus ID:</b>	297418
<b>Cytogenetics:</b>	4q34
<b>MW:</b>	20.1 kDa
<b>Gene Summary:</b>	mouse homolog is a mitogenic stomach gene expressed at high levels specifically in cells of the antrum mucosa [RGD, Feb 2006]