

## Product datasheet for RN205241

### Dusp12 (NM\_022248) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dusp12 (NM\_022248) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Dusp12  
**Synonyms:** GKAP  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN205241 representing NM\_022248  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCAGGAGATCTGCC  
 GCCGCGATCGCC

ATGTTGGAAGTACAGAGCTCTAACCATGGCTGCGAGCGTCAGGCTCCGACTACCAGCCCCGCCAGCTCGG  
 CAGGGCACGCGGTGGAAGTGCAGCCCGGCTGTATCTGGGTGGGGCGCGGCAGTGGCTGGACCGGACTA  
 CCTGAGGGAGCGGGCATCACCGCGTGTGACGGTGGACTCGGAACCGGCTTTCCGGCCGGGGTGGT  
 TTCGAAGGTCTCCAGAGCCTCTTCGTGCCCGCGCTGGACAAACCCGAGACCGACCTGCTCAGTCACTGG  
 ATCGGTGCGTGGCTTTCATCGGCCAGGCTCGCTCCGAAGGCCGTGCGGTGTTGGTGCAGTGTGCAGG  
 AGTCAGCCGCACTGTTGCTGTAGTGACGGCTTTCATAATGAAGACCGAACAGCTTACCTTTGAAAAAGCC  
 TATGAAAACCTCCAGACCATCAAGCCAGAGGCTAAGATGAATGAGGGGTTTCGAGTGGCAACTGAAGCTCT  
 ATGAGGCGATGGGACACGAAGTCCATACCTCCAGTGCCGTTTACAAGCAGTACCGTTTGCAAAAGGTGAC  
 TGAGAAGTATCCAGAAGTTCGGAATTTGCCTCGAGAAGCTTTGCTGTGACCCAACTACCGTTTCAAA  
 GGATTAAGATGACATCCTCTACAAATGTAGAAAGTGCAGGCGATCTTTATTTAGACGTTCCAGCATT  
 TGGATCATAGTGAAGGAAGTGGCCAGTAGCCTTTGCTCACAAGAGAACAGGACTGTCTCCGACTTAC  
 CACAGGGAATCAGGCTCAGTGTACATCTTACTTCATCGAACCTGTGAGTGGATGGAGTCTGCTTTGTTG  
 GGGTTATGGATGGACAGCTTTTGCCTAAATGCAGTGCCAAAGTTGGGTTCTTTAACTGGTATGGTG  
 AACAGTGTCTGTGGCCGATGGATAACCCCTGCTTTCCAAATCCACAAGAACAGAGTGGATGAAGTGAA  
 AACATTGCCAGCGCTGGGATCACAAACAAGAAACCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_022248



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<b>Insert Size:</b>	1020 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>	<a href="#">NM_022248.1</a> , <a href="#">NP_071584.1</a>
<b>RefSeq Size:</b>	1314 bp
<b>RefSeq ORF:</b>	1020 bp
<b>Locus ID:</b>	64014
<b>UniProt ID:</b>	<a href="#">Q9JIM4</a>
<b>Cytogenetics:</b>	13q24
<b>Gene Summary:</b>	cytosolic phosphatase that dephosphorylates glucokinase [RGD, Feb 2006]