

## Product datasheet for **RR204948**

### **Pigp (NM\_001099758) Rat Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pigp (NM\_001099758) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Pigp  
**Synonyms:** Dscr5  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR204948 representing NM\_001099758  
**Red**=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

**ATGGTGGAAAATTCACCGTCGCCATTGCCAGAAAGAGCGATTTATGGCTTTGTTCTTTCTAAGCTCTC**  
**AGTTTGGCTTCATACTCTATCTTGTGTGGGCTTTCGTTCCGAATCTTGGCTAACTCCTTAGGCTTAAC**  
**TTACTGGCCTCAAAGTACTGGGCAGTTGCGTTGCCTGTCTATCTTGTATCACGGTTGTAATTGGTTAC**  
**GTGCTCTTATTTGGAATCAACATGATGAGTACCTCTCCACTTGACTCCATCCATACGATCACAGATAACT**  
**ATGCTAAAAACCAACAGAGGAAAAGCTACCAAGAGGACGCCATCCAGCATTAAAGAGACATTCCTCATTAG**  
**TGAAGTCAACAGAATGTTCTTCTAGACGCCAAAGAACTCAACACC**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR204948 representing NM\_001099758  
**Red**=Cloning site **Green**=Tags(s)

MVENSPLPERAIYGFVFLSSQFGFILYLWVAFVPESWLNLSLGLTYWPQKYWAVALPVYLLITVVIGY  
VLLFGINMMSTSPLDISIHTITDNYAKNQQRKSYQEDAIPALRDIPISEVNRMFFLDAKELNT

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI



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<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_001099758.1</a></u> , <u><a href="#">NP_001093228.1</a></u>
<b>RefSeq Size:</b>	555 bp
<b>RefSeq ORF:</b>	399 bp
<b>Locus ID:</b>	288238
<b>Cytogenetics:</b>	11q11
<b>MW:</b>	15.2 kDa