

## Product datasheet for MC224262

### Pds5a (NM\_001081321) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pds5a (NM_001081321) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pds5a
Synonyms:	9030416H16Rik; E230024D05Rik; mKIAA0648
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224262 representing NM_001081321 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACTTCACGCAGCCGAAGCCTGCCACTGCCCTCTGTGGCGTCGTGAGTGCGGACGGGAAGATCGCTT  
ACCCTCCGGGAGTAAAAGAGATCACCGACAAGATCACCGATGAAATGATCAAACGTCTGAAGATGGT  
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CATCTCGCATCTGAATCTTTCTCAGGAACCTAATAAAGATGTGCGCCTTCTCGTAGCATGTTGTTTGG  
CTGATATATTTTGAATCTATGCCCCAGAAGCTCCATATACTTCCCATGATAAACTTAAGGACATATTTCT  
CTTTATTACCAGACAGTTAAAAGTTTGGAGGATACAAAGAGTCCACAGTTTAATAGATATTTTTATTTA  
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CAGTCCAGACTATTGAAGCATGTATTGCCAATTTTTCAATCAAGTCTGGTGTGGGCAGATCATCAGT  
CAGCGACCTGTCTGAACACGTATTTGATCTGATTCAGGAACCTTTTGTCTATCGATCCTCAGTTACTGTTA  
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GCTAGCTTGATCCAAATGCTGTAAAAGCTCTCAATGAAATGTGGAAATGTCAGAACATGCTTCGAAGTC  
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 ACTGATGACCATAGCAAAGAATTTGCTGACCCGAAAGCACAAGATTTTGTAAAGAAATTTAACCG  
 GTTCTTGGTGATGATGAGAACTGAGGTCTCAGTTGGAATTTAATCAGCCCAACCTGTTTCATGCAAGC  
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 AGAGATGGTCAAATTTCTTTGGAAAGAATTGCTCCTGTGCACATCGATTGAGAAGCCATAAGTGCAGT  
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 CCATCCGCTCAGGACTTGAGCTTCTTAAGGTTCTGTCTTTCACACATCCTACCTCGTCCACTCTGCAGA  
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 GCGATTAGCTGCTGGTAGTGCCATAATGAAGCTTGTCTCAGGAACCTTGCTACCATGAAATATTACCCCA  
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 AAAGGACCCAGTCTCCCAATGAAGTTCTTTACACAGCCTGAAAAGGACTTCTGTAATGACAAAAGCTAT  
 ATTTCAGAAGAGACAAGAGTTCTTCTGTTAACAGGAAAGCCAAAGCCTACTGGAGTATTAGGTACAGTGA  
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 TAACGCCAATTCAGAGCTGAGTCCTTACGCCGGAAGTCTGTTCAAGGGAACAGAGTTCAGAGGCATCAGAA  
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 CTGTAAGAATAAGGAAATTAATTTCTGATCAGTCTACCAAGGCAACATCAGCAGTGACAGAGGAAAGAA  
 AAGAATTGTAACAGCAGCTGGTGCAGAGAATATCCAAAAGCCAGACGAGAAAGTAGATGAGTCAGGACCG  
 CCTGCCCTTCCAAACCCCGGAGAGGACGTCGCCCAAATCTGAATCTCAGGGCAATGCAACAAAAACG  
 ATGATCTAAATAAACCTGTTAGCAAGGGAAGGAAAAGAGCTGCAGGCAGCCAGGAGAGTCTGGAGGCAGG  
 GAATGCCAAAGCGCCCAAGCTACAAGATGGAGCCAAAAGGCAGTTCAGCAGAGAGACAAATGATTTA  
 CAAAGGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-Mlul

**ACCN:**

NM\_001081321

**Insert Size:**

3999 bp

**OTI Disclaimer:**

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>NM_001081321.1, NP_001074790.1</u>
<b>RefSeq Size:</b>	4146 bp
<b>RefSeq ORF:</b>	3999 bp
<b>Locus ID:</b>	71521
<b>Cytogenetics:</b>	5 C3.1