

## Product datasheet for **RN210095**

### Aasdhppt (NM\_001106798) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Aasdhppt (NM_001106798) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Aasdhppt
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210095 representing NM_001106798 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGTGTTCAGCCAAGAGGCTGTGTGTGGTCCCCTACATGGAGGGCGTTTCGTTGGCCTTTCTCTGCC  
GCACCTGGCTGCCAAGTCCAGCCGAATGGCTTCTGGCGGTGCGATCGATCCAGCCAGGAGAAGGAGCG  
CATCGGCCAGTTCGTGTTGCTCGCGACGCTAAGCGGCCTTGGCTGGTCTTATGATAAGGAAATTA  
GTTGCAGAGAAATTGAATATCCCTTGGGATCACATCCGTCTGCAGAGAACTTCAAAGGAAAGCCAATTT  
TGGCGAAAGACACGTTGAATCCTTATCCCAATTTCAACTTTAACATCTCTCATCAAGGGGACTATACAGT  
TCTTGCCGAGAACCTGAACTACAAGTTGGTATTGATATCATGAAGACTAGTTTTCCAGGTCTGGTTCA  
ATTCCAGAATCTTTATATCATGAAAAGAAAGTTTACAAACAAGGAGTGGGAAACAATCAGAAGTTTTA  
ATGATGAATGGTCTCAACTGGATATGTTTTACCGCATTTGGGCACTGAAAGAAAGCTTCATAAAGCCAT  
TGGTGTGGACTGGGATTTGAAATGCAGCGCTTGAATTTGATGTATCTCCATTAAGCATGGACATCGGC  
CAGGTTTATAAGGAAACACGTTTGAATTTGGATGGGGAAGAAGAAAGGAATGGCCTTTGAGGAAAGCA  
AAATAGATCAACACCATTTGTTGCGGTGGCTCTTAGGAAGCCTGATGGATCTAGACATCAAATGTTTC  
ATATCAAGATGATTCTAAGCCATCTCAGAGGCAGTTCACCATTTAACTTTAATGACTTGATAGCATCT  
GCTATTCCATGACACCTGAGGATCCTTCAATTTGGGACTGCTTTTGTTCACAGAAGAAATTTCTAATAC  
GAAATGGTTCCAAGTCA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001106798
Insert Size:	930 bp



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<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_001106798.2</a></u> , <u><a href="#">NP_001100268.2</a></u>
<b>RefSeq Size:</b>	1065 bp
<b>RefSeq ORF:</b>	930 bp
<b>Locus ID:</b>	300328
<b>UniProt ID:</b>	<u><a href="#">B2RYJ4</a></u>
<b>Cytogenetics:</b>	8q11
<b>Gene Summary:</b>	Catalyzes the post-translational modification of target proteins by phosphopantetheine. Can transfer the 4'-phosphopantetheine moiety from coenzyme A to a serine residue of a broad range of acceptors, such as the acyl carrier domain of FASN (By similarity).[UniProtKB/Swiss-Prot Function]