

Product datasheet for **MC208070**

Aasdhppt (NM_026276) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aasdhppt (NM_026276) Mouse Untagged Clone
Tag: Tag Free
Symbol: Aasdhppt
Synonyms: 2010309J24Rik; 2810407B07Rik; AASD-PPT; CGI-80; LYS2; LYS5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208070 representing NM_026276
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGTTC~~CCCC~~GCTAAGAGGCTGTGCGTGGTGCATCCATGGAGGGCGTTCGTTGGGCATTCTCCTGCG
 GTACCTGGCTGCCAAGTCGAGCCGAATGGCTTCTGGCGATGCGGTCTATCCAGCCGGAGGAGAAGGAGCG
 CATCGGCAAGTTCGTGTTGGCCGCGACGCCAAGGCAGCCTTGGCTGGTCTTTGATGATAAGGAAATTA
 GTTGCAGAGAAATTGAATATCCCTTGGGATCATATCCGTCTGCAGAGAACTTCAAAGGGAAAGCCGGTTC
 TTGCGAAAGACTCGTTGAATCCATATCCCAATTTCAACTTTAACATCTCTCACCAAGGGGACTATGCAGT
 TCTTGCTGCAGAACCTGAGGTACAGGTTGGCATTGATATCATGAAGACTAGTTTTCCAGGTCTGGTTCA
 ATTCCAGAATCTTTTCATATCATGAAAAGAAAGTTTACCAAAAAGGAGTGGGAAACAATCAGAAGTTTTA
 ATGATGAATGGACTCAGCTGGATATGTTTTACCGGCACTGGGCACTGAAAGAAAGCTTCATAAAGCCAT
 TGGAGTTGGATTGGGATTTGAAATGCAGCGGCTTGAATTTGATGTATCTCCATTAACATGGACATTGGT
 CAGGTTTATAAGGAAACCTGTTTGGATTTGGATGGGAAGAAGAAAAGAATGGGCCTTTGAGGAAAGCA
 AAATAGATGAACACCATTTTGTTCAGTGGCTGTTAGGAAGCCTGATGGATCTAGACATCAAATGTTTC
 ATATCAAGATGATTCTAAGCTATCCAGAGGAAGTTTACCAATCTTAATTTAATGATTTGGTAGCATCT
 GCTATTCTATGACACCTGAGGATCCTTCATTTGGGACTGTTTTGCTTACAGAAGAAATTTCTAATAC
 GAAATGGTACCAAGTCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_026276
Insert Size: 930 bp



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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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_026276.3 , NP_080552.3
RefSeq Size:	2870 bp
RefSeq ORF:	930 bp
Locus ID:	67618
UniProt ID:	Q9CQF6
Cytogenetics:	9 A1
Gene Summary:	<p>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 (in vitro) (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>