

## Product datasheet for RN209285

### Dhps (NM\_001004207) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Dhps (NM\_001004207) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Dhps  
 Synonyms: MGC94237  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN209285 representing NM\_001004207  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGAGGGGACCCGTCGGGGCGGCCCTCCTCGGCGCTGGCCGCTGTGCTCAAGCACAGCTCAGCGT  
 TGCCGCCGAGAGCGCCAGGTCAAGGTTACGACTTCAACCGCGGGGTAGATTACCACGCGTTCTGGA  
 AGCCTACGGCACCACCGCTTCCAGGCCACCAACTTCGGGCGCGGTCAGCAAGTCAAGCCATGATT  
 GAGAAGAAGCTGGAACCACTGGCAGTAGATGAAGATCATCAGAAAGACCTGACTCAGAGCCCGCCAC  
 TCACAGGCTGCACATTTCTTGGGCTATACGTCCAACCTCATCAGTTCTGGCATCCGGGAGACCATTCTG  
 CTACCTCGTGCAGCAATATGGTGGATGTACTGGTGACCACTGCTGGAGGGGTGGAAGAAGATCTCATC  
 AAGTGCCTGGCACCCACATATCTGGGCGAGTTCAGCCTCAGGGGAAGGAGCTCCGGGAGAATGGGATCA  
 ACAGGATCGGGAACCTGCTGGTGCCAAATGACAATTATTGCAAGTTTGAGGACTGGCTCATGCCATCCT  
 AGACCAGATGGTGCAGGAGCAGAATACAGAGGGTGTGAAGTGGACACCTTCCAAGATGATCTCCCGGCT  
 GGAAGGAGATCAACAACCCAGAGTCTGTGATTATTGGGCCATAAGAACCACATACCTGTGCTGATC  
 CTGCCTCACAGACGGCTCACTGGGTGACATGATCTTTTCCATTCCTATAAAAACCCAGGCTTGGTCT  
 GGACATCGTTGAAGACCTCGGGCTCATCAACATGCAGGCCATTTTCGCCAAGCGCACTGGGATGATCATC  
 CTGGGTGGAGGCGTGGTCAAGCACCATCGCCAAATGCTAACCTCATGCGGAATGGAGCTGACTACGCTG  
 TTTATATCAACACAGCCAGGAGTTTGATGGCTCAGACTCAGGAGCCCGCCAGATGAGGCTGTCTCCTG  
 GGGCAAGATCCGGATGGATGCACAGCCAGTAAAGGTCTATGCTGATGCATCTCTGGTTTTCCCTTGCTG  
 GTGGCTGAGACATTTCGCCAAAAGGCAGATGCCTTCAGAGCTGAGAAGAATGAGGACT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001004207



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<b>Insert Size:</b>	1110 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>	<u><a href="#">NM_001004207.1</a></u> , <u><a href="#">NP_001004207.1</a></u>
<b>RefSeq Size:</b>	1341 bp
<b>RefSeq ORF:</b>	1110 bp
<b>Locus ID:</b>	288923
<b>UniProt ID:</b>	<u><a href="#">Q6AY53</a></u>
<b>Cytogenetics:</b>	19q11
<b>Gene Summary:</b>	human homolog catalyzes the first step in the post-translational modification of a lysine residue in the precursor eukaryotic initiation factor 5A (eIF5A) to the amino acid hypusine [RGD, Feb 2006]