

## Product datasheet for RN212707

### Herpud1 (NM\_053523) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Herpud1 (NM\_053523) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Herpud1  
**Synonyms:** Sup  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN212707 representing NM\_053523  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGC**C

ATGGAGCCCGAGCCACAGCCCGAGCCGGTACGCTGCTGGTGAAGAGCCCAATCAGCGCCACCGCGACT  
TGGAGCTGAGTGGCGACCGGGTTGGAGTGTGAGTCGCCTCAAGGCCACCTGAGCCGAGTCTACCCGA  
ACGCCCGCGCCAGAGGACCAGAGGTTAATTTATTCTGGGAAGCTGCTGTTGGATACCAATGTCTCCAA  
GACTTGCTTCCAAAGCAGGAAAAGCGACATGTTTTGCACCTCGTGTGCAATGTGAGGAGTCCCTCAAAA  
AGCCAGAAGCCAGCACAAGGGTCTGAGTCCACAGAGCAGCCGGACAACACTAGTCAGGCACAGTATCC  
TGGGGATTCTCAAGCGATGGCTTACGGGAAAGGGAAGTCCTTCGGAACCTTCTCCCTCTGGATGGGAG  
AACGTCTCTAGGCCTGAAGCCGTCCAGCAGACTTCCAAGGCCTCGGGCCCGGCTTCTCTGGCTACACCA  
CCTACGGGTGGCTGCAGCTCCTCGTTCAGCAGATCTATGCAAGACAGTACTACATGCAATACTTGGC  
TGCCACTGCTGCTTCAGGAGCTTTTGGCCCTACACCAAGTGCACAAGAAATACCTGTGGTCTCTACACCG  
GCTCCCGCCCTATACACAACCAGTTCCGGCAGAAAACCAGCCGGCCAATCAGAATGCAGCCGCTCAAG  
CGGTTGTTAATCCCGGAGCCAATCAGAACTTGCAGATGAATGCACAAGGCGGCCCTCTGGTGAAGAAGA  
TGATGAGATAAACCGAGACTGGTTGGATTGGACCTACTCAGCAGCGACATTTTCCGTTTTCTCAGCATT  
CTTACTTCTACTCCTCCTGAGCAGATTCTCATGGTCTGCGCCACCGTAGTCATGTACCTGCACC  
ACGTCGGGTGGTTCCATTGAGCAGAGGCCAGTTCAGAACTTCCAGATGACGGTCCCCCTCAGGAAGC  
TGCCAACCAGGACCCCAACAATAACCTCCAGGGAGGTTTGGACCTGAAATGGAAGACCCCAACCGCCTC  
CCCGTAGCCGTGAAGTGTGACCCCTGAGCATAACCAGCCCTCGTTCATGAGCACAGCATGGCTAGTCT  
TCAAGACTTCTTTGCCCTCTTCTTCCGGAAGGCCACCAGCCCTAGCAAAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul



<b>ACCN:</b>	NM_053523
<b>Insert Size:</b>	1176 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_053523.1</a></u> , <u><a href="#">NP_445975.1</a></u>
<b>RefSeq Size:</b>	1857 bp
<b>RefSeq ORF:</b>	1176 bp
<b>Locus ID:</b>	85430
<b>Cytogenetics:</b>	19p13
<b>Gene Summary:</b>	human homolog is a membrane protein that is induced by stress and may be involved in the cellular survival response to stress [RGD, Feb 2006]