

Product datasheet for SC112543

HERPUD2 (NM_022373) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HERPUD2 (NM_022373) Human Untagged Clone
Tag:	Tag Free
Symbol:	HERPUD2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_022373, the custom clone sequence may differ by one or more nucleotides

```

ATGGACCAAAGTGGGATGGAGATTCTGTGACCCTCATCATTAAAGCACCGAATCAGAAATACAGTGACC
AGACTATTAGCTGCTTCTTGAAGTGGACCGTGGGAACTAAAAACGCATCTATCTAACGTTTACCCTAG
CAAACATTGACGAAGGATCAGAGATTGGTGTATTCGGGCAGACTGCTTCCCGATCATCTGCAGCTGAAA
GACATTCTCAGAAAACAAGATGAGTATCATATGGTTCATCTAGTATGTACTTCTCGGACTCCTCCAGTT
CTCCAAAATCCAGCACCAATAGAGAAAGTCATGAAGCATTGGCATCCAGCAGCAATTCTAGTTCAGATCA
TTCAGGATCAACAACTCCATCATCTGGTCAAGAAACCTTGCTTTAGCTGTGGGTTCTTCCTCAGAAGGA
TTGAGGCAGCGTACCCTTCCACAAGCACAACTGACCAAGCACAGAGTCACCAGTTTCCATATGTAATGC
AAGGAAATGTAGACAACCAATTTCTGGGCAAGCTGCTCCACCTGGATTCCAGTGTATCCCGCGTTTAG
CCCACTGCAGATGCTATGGTGGCAACAGATGTATGCTCATCAGTATTATATGCAGTATCAAGCTGCAGTT
TCAGCTCAGGCCACATCAATGTCAACCAACCCAGCCTACTACTTCACAGCCTCTAAATTTGGCACATG
TTCCTGGAGAAGAACCCCAACAGCTCCAAACCTAGTGGCCCAAGAAAATCGACCATGAATGAGAATGT
TCAATGAATGCACAGGGAGGTCCAGTACTAAATGAAGAAGACTTCAATCGAGACTGGCTAGACTGGATG
TACACGTTCTCAGAGCTGCGATTCTCCTAGCATTGTATACTTCTATTCTTTAGTCGGTTTATCA
TGGAATGGGAGCCATGCTACTGGTTTATTTACACCAAGCTGGATGGTTTCCTTTTAGGCAAGAAGGAGG
TCATCAGCAGGCTCCCAACAATAATGCCGAAGTTAACAATGATGGGCAAAATGCAACAACCTTGGAACCT
GAAGAAATGGAGCGTCTTATGGATGATGGGCTTGAAGATGAGAGTGGAGAAGATGGAGGTGAAGATGCCA
GTGCAATTCAAAGGCCTGGATTAATGGCTTCAGCTTGGCTTTTCATCACCACCTCTTTACTTCACTAAT
ACCAGAGGGGCTCCCAAGTTGCCAATTGA
  
```


[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_022373 unedited CCTGTCACCATTTGTATACGACTCATATAGGCGGCCGCTGAATTCGCACGAGGGNAAAGA CGATTCTCAGCAAAACAAGATGAGTATCATATGGTTTCATCTAGTATGTACTTCTCGGACT CCTCCCAGTTCTCCAAATCCAGCACCAATAGAGAAAGTCATGAAGCATTGACATCCAGC AGCAATTCTAGTTCAGATCATTCAAGGATCAACAACCTCCATCATCTGGTCAAGAAACCTTG TCTTTAGCTGTGGTCTTCTCAGAAAGGATTGAGGCAGCGTACCCTTCCACAAGCACAA ACTGACCAAGCACAGAGTCACCAAGTTTCCATATGTAATGCAAGGAAATGTAGACAACCAA TTTCCTGGGCAAGCTGCTCCACCTGGATTCCCAAGTGTATCCCGCGTTTAGCCCACTGCAG ATGCTATGGTGGCAACAGATGTATGCTCATCAGTATTATATGCAGTATCAAGCTGCAGTT TCAGCTCAGGCCACATCAATGTCAACCAACCCAGCCTACTACTTCACAGCCTCTAAAT TTGGCAGATGTTCTGGAGAAGAACCCCAACAGCTCCAAACCTAGTGGCCCAAGAAAAT CGACCCATGAATGAGAATGTTCAAATGAATGCACAGGGAGGTCCAGTACTAAATGAAGAA GACTTCAATCGAGACTGGCTAGACTGGATGTACACGTTCTCACGAGCTGCGATTCTCCTT AGCATTGGATACTTCTATTCTTCTTTAGTCGGTTTATCATGGTAATGGGAGCCATGCTA CTGGNTTATTTACACCAAGCTGNATGGGTTCCTTTTAGGCAAGAAGGAGTTCATCAGCAC GCTTCCAACAATATGCCGAGTTAACCATGATGGGCCACATGCAAACTTGGCACTTGA AGAATGGAG
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_022373 unedited CCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTACCATAATTGACTTT TTATTTAAAAAATTACACGGAGCAATTTCCAGCTTATCTTTTTTATAAAAGTACTGCCT ATATCAACATTTTATATCACGTTAATTCATTGAAGAGCTGCCTTTTTCTGTAAAGGTA CTGATTCCAATTGATGGGATACATGCCCTTAATACAGAAAGTTTCCATTATTTATTCAAA TATCAAAATTAAGATTATTGAGAAGTTTATTGCTTTATGGCTGGGCAAGATGCTACTAGC ACATTTTAGGTAATAATATTCTTTATTTAAAACTATGAGGTCATTCTGTTTAAACTTT CAAGATAATTCACGGAACAGATATATCTATTCAAATTAACATTAAAGGGCCAGGCTA CTAGCTATAGACATTTATATGTGAAGCAGCTCTTTTTTTTTTTTTCTGAGACCGAGTCT CACTCTGTGCGCAGGGTGGGAGTGCAGTGGCCCAATCTCAGCTCACTGCAACCTCCGCCT CCTGGGTTTCAAGCAATTCTCTGCCTGAGCCCCCAAGTAGCTGGGATTACAGGCGCGTG ACACCACACCCGCTAATTTTTTTGTATTTTATGTTAGATGGGGTTTCGCCATGTTTGCC AGGCTGGTCTCGAACTCCTGACCTCAAGTACCCACCCGCGGCTCCAAAGTGTGGA TTACGACCTGAGCCATGGCCCCGCGCATGAACCAGCTTTTAAAGAAAAGACTGAAATAG GTCTGCCTGGATCCTACCATAATTGAATGAATAACACCGGAAGACCAATTTGTACCCTA GGTCTGTTAGGACCTTAAAAAACAAAAAACTCCAATTATGCCCTCCGGCTTAAAAAT CATTGCTGGAAAGCAAGAAAAAACCTGTACTGATGACAA
Restriction Sites:	NotI-NotI
ACCN:	NM_022373
Insert Size:	2140 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).
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:	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:	<u>NM_022373.1</u> , <u>NP_071768.1</u>
RefSeq Size:	2932 bp
RefSeq ORF:	735 bp
Locus ID:	64224
UniProt ID:	<u>Q9BSE4</u>
Cytogenetics:	7p14.2
Domains:	UBQ
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	Could be involved in the unfolded protein response (UPR) pathway.[UniProtKB/Swiss-Prot Function]