

Product datasheet for **SC208110**

HERPUD1 (NM_014685) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HERPUD1 (NM_014685) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HERPUD1
Synonyms:	HERP; Mif1; SUP
ACCN:	NM_014685
Insert Size:	1604 bp



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Insert Sequence: >SC208110 3'UTR clone of NM_014685
The sequence shown below is from the reference sequence of NM_014685. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCAGAAGGCCCCAGCCATCGCAAACATGATGGTGTGGTGTAGCTGTTGGAGGCTTTGACAGGAA
TGGACTGGATCACCTGACTCCAGCTAGATTGCCTCTCCTGGACATGGCAATGATGAGTTTTTAAAAAAC
AGTGTGGATGATGATATGCTTTTGTGAGCAAGCAAAAGCAGAAACGTGAAGCCGTGATACAAATTGGTG
AACAAAAATGCCAAGGCTTCTCATGTCTTTATTCTGAAGAGCTTTAATATACTCTATGTAGTTTA
ATAAGCACTGTACGTAGAAGGCCTTAGGTGTTGCATGTCTATGCTTGAGGAACCTTTCCAAATGTGTGT
GTCTGCATGTGTGTTTGTACATAGAAGTCATAGATGCAGAAGTGGTCTGCTGGTACGATTTGATTCCCT
GTTGGAATGTTTAAATTACCTAAGTGTACTACTTTATATAATCAATGAAATTGCTAGACATGTTTTAG
CAGGACTTTTCTAGGAAAGACTTATGTATAATTGCTTTTTAAAAATGCAGTCTTTACTTTAACTAAGG
GGAACCTTTGCGGAGGTGAAAACCTTTGCTGGGTTTTCTGTTCAATAAAGTTTTACTATGAATGACCCCTG
GCAGAGACTCCTGTCATCCTAGCAGTTTACTCTGCGTTTTGTTGTATCTAGACAGTCAACAACCTGAGTTG
TCGGTGTTTAACCTGAATGCTTGTTTTTTTCAGAAGAGGACTGTTTGTGCCGGTAAGAATGATCAGGTAAG
GCCATGAAAGTTTTTGTGGCGTTTTTGTGTTTGGATGGGGTCTTGCTTTGTTCCCTTGGGCCAGAGTA
CATTGGCTACTCACAAGTGGGCTGGTAGCTGGCTACAGCCCCAGACTCCTGGCTTAAGCCACCTCCTGC
CTCAGCCACCCTGGCAGCTGGGACTACAGGCATGCGCCATCACACTTAGCTTGAAAGTTTTAATTTACT
AAGAATATACCTGTGTTTCCCCCATTTCTGATTTAAACAGTACTGGCTTATATAGGAACCCATCAAAA
GTTAAATTTCCCAAATTTAAATTTAGTAAATTTAGTGGTTTACCTTGGCAAATCTGCAATAGTTTTCAC
CAGCTCAAATTTTATGCTTTTGTAAAGCTGAGCTTATGTTTGTGATTTTAAATCCTTTAAGTACTACTGTG
GTAACATAATTTTTTGTGTTTTTGGTGGTGTGTTTTGTTTTGTTTTGAGATGGAGTCTCACTCTG
TTGCCAGGCTGGAGTGGCGTGGCGCATCTCGGCTCACTGCAACCTCTACCTCCTGAGTTCAAGCGAT
TCTCTGCCTCAGCCTCCGAATAGCTGGGATTACAGGTGCCACCACAATGTCTGGCTAATTTTTTGT
ATTTTTAGTAGAGACGAGGTTTCAACCATGTTGGCCAGGCTGGTCTCAAACCCCTGACCTCAGGTGATC
TGCCCGCCTCGGCTCCCAAAGTGTGGGATTACAGATGTGAGCCACCGCACCCAGGGACTAATC
TTTAAAGCAAAGTTTTATATATTTTTACGTGAGTAATGTTATGTAGGTGTTCTATTTGGCAAAATAA
ATCAGCCTTTTCTATCA
ACGCGTAAAGCGCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_014685.4](#)

Summary:

The accumulation of unfolded proteins in the endoplasmic reticulum (ER) triggers the ER stress response. This response includes the inhibition of translation to prevent further accumulation of unfolded proteins, the increased expression of proteins involved in polypeptide folding, known as the unfolded protein response (UPR), and the destruction of misfolded proteins by the ER-associated protein degradation (ERAD) system. This gene may play a role in both UPR and ERAD. Its expression is induced by UPR and it has an ER stress response element in its promoter region while the encoded protein has an N-terminal ubiquitin-like domain which may interact with the ERAD system. This protein has been shown to interact with presenilin proteins and to increase the level of amyloid-beta protein following its overexpression. Alternative splicing of this gene produces multiple transcript variants encoding different isoforms. The full-length nature of all transcript variants has not been determined. [provided by RefSeq, Jan 2013]

Locus ID:

9709

MW:

60.8