

Product datasheet for **MC201194**

Herpud1 (NM_022331) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Herpud1 (NM_022331) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Herpud1
Synonyms:	Herp; Mifl; SUP
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC013523 sequence for NM_022331
 CAAGTGTCTGTTGTGGTCTCAGACGGCTGCGTCGCCGCCCGTTTCGGCATCCCTGAGCGCAGTCGAGCCG
 CCAGCGACGCAGACATGGAGCCCGAGCCACAGCCCGAGCCGGTACGCTGCTGGTGAAGAGTCCCAATCA
 GCGCCACCGCGACTTGGAGCTGAGTGGCGACCGCAGTTGGAGTGTGAGTCGCCTCAAGGCCACCTGAGC
 CGAGTCTACCCCGAGCGCCCGCTCCAGAGGACCAGAGGTTAATTTATTCTGGGAAGCTGCTGTTGGATC
 ACCAGTGTCTCAAGATTTGCTTCCAAAGCAGGAAAAGCGACATGTTTTGCACCTTGTGTGCAATGTGAA
 GAATCCCTCCAAAATGCCAGAAAACAGCACAAGGGTGTGAATCCACAGAGCAGCCGGACAACCTAAT
 CAGACACAGCATCTGGGGACTCCTCAAGTGATGGTTTACGGCAAAGAGAAGTTCTTCGGAACCTTTCTC
 CCTCCGGATGGGAGAACATCTCTAGGCCTGAGGCTGTCCAGCAGACTTTCCAAGGCTGGGGCTGGCTT
 CTCTGGCTACACAACGTATGGGTGGCTGCAGCTCTCTGGTTCCAGCAGATCTATGCAAGGCAGTACTAC
 ATGCAATACTTAGCTGCCACTGTGCATCAGGAACTTTTGTCCCGACACCAAGTGACAAGAGATACCTG
 TGGTCTCTACACCTGCTCCGGCTCTATACACAACCAAGTTTCCGGCAGAAAACAGCCGGCCAATCAGAA
 TGCAGCTGCTCAAGCGTGTCAATCCCGAGCCAATCAGAACTGCGGATGAATGCACAAGGTGGCCCC
 CTGGTGGAGGAAGATGATGAGATAAACCGAGACTGGTTGGATTGGACCTATTCGCAGCGACGTTTTCTG
 TTTTCTCAGCACCTTTACTTCTACTCCTCGCTGAGCAGATTCTCATGGTCATGGGTGCCACCGTGGT
 CATGTACCTGCACCACGTCCGGTGGTTTCCGTTACAGACAGAGGCCAGTTCAGAACTTCCCGGATGATGGT
 GGTCTCGAGATGCTGCCAACAGGACCCCAACAATAACCTCCAGGGAGGTATGGACCCAGAAAATGGAAG
 ACCCAACCGCTCCCCCAGACCGCAAGTGCTGGACCTGAGCACACCAGCCCTCGTTTATGAGCAC
 AGCATGGCTAGTCTTCAAGACTTTCTTTGCCTCTCTTCTCCAGAAGGCCACCAGCCCTAGCCAATGA
 TGGCCCTGTGCTCTGTGCTGGTGGCTTTGACAGCTCGGACTGGATCGTCTGGTCCGGCTCCTTTTCC
 TCCCTGGCGTGGACTCGACAGAGTCATTGAAAACCCACAGGATGACATGTGCTTCTGTGCCAAGCAAAA
 GCACAACTAAGACATGAAGCCGTGGTACAACTGAACAGGGCCCTCATGTGTTATTCTGAAGAGCTT
 TAATGTACTGTATGTAGTTTCATAGGCACTGAAGCAGAAGGCCAGGGTCCGATGTTCTGCTGAGC
 ACCTCCCGAGATGTGTGCATGTGTGCTGTACATGGAAGTCATAGACGTGTGTGCATGTGTGCTTACA
 TGGAAATCATAGATGCAGAAACGGTTCTGCTGGTTCGATTTGATTCTGTGGAATGTTCAATTACACT
 AAGTGTACTACTTTATATAATCAGTGAATTGCTAGACATGTTAGCAGGACTTTTCTAGGAGAGACTTATG
 TATAATTGCTTTTTAAAATGCAGTGCTTTCCTTTAAACCGAGGGTGGCGACTTGGCAGAGGTAACCTT
 TGCCGAGTTTTCTGTTCAATAAAGTTTTGCTATGAATGACTGTAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_022331

Insert Size: 1176 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: [BC013523](#), [AAH13523](#)

RefSeq Size: 1914 bp

RefSeq ORF: 1176 bp

Locus ID: 64209

UniProt ID: [Q9JJK5](#)

Cytogenetics: 8 C5

Gene Summary: Component of the endoplasmic reticulum quality control (ERQC) system also called ER-associated degradation (ERAD) involved in ubiquitin-dependent degradation of misfolded endoplasmic reticulum proteins. Binds to ubiquilins and this interaction is required for efficient degradation of CD3D via the ERAD pathway.[UniProtKB/Swiss-Prot Function]