

Product datasheet for **SC114289**

UFC1 (NM_016406) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UFC1 (NM_016406) Human Untagged Clone
Tag:	Tag Free
Symbol:	UFC1
Synonyms:	HSPC155; NEDSG
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114289 sequence for NM_016406 edited (data generated by NextGen Sequencing)

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ATGGCGGATGAAGCCACGCGACGTGTTGTGTCTGAGATCCCGGTGCTGAAGACTAACGCC
GGACCCCGAGATCGTGAGTTGTGGGTGCAGCGACTGAAGGAGGAATATCAGTCCCTTATC
CGGTATGTGGAGAACAACAAGAATGCTGACAACGATTGGTTCCGACTGGAGTCCAACAAG
GAAGGAACTCGGTGGTTTGGAAAATGCTGGTATATCCATGACCTCCTGAAATATGAGTTT
GACATCGAGTTTGACATTCCTATCACATATCCTACTACTGCCCCAGAAATTGCAGTTCCT
GAGCTGGATGGAAAGACAGCAAAGATGTACAGGGGTGGCAAAATATGCCTGACGGATCAT
TTCAAACCTTTGTGGCCAGGAATGTGCCAAATTTGGACTAGCTCATCTCATGGCTCTG
GGGCTGGGTCCATGGCTGGCAGTGGAAATCCCTGATCTGATTCAGAAGGGCGTCATCCAA
CACAAAGAGAAATGCAACCAATGA
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Clone variation with respect to NM_016406.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016406 unedited
 TTTGTAATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGGTGATTTTAAATGAT
 AGGTGTCATATATAGGACGGAGTAATCTGTTTACATTCTGTTCTTCTCGATGCACTCACA
 AGCGGGTAACTAGGTGACAAGAAAACAAAGATCTTATTCAAAGAGGTCTTACAGCAACC
 CAACGTCTCATCTCCCATAGTAAAGATGACGGCGCCTTGAGGTAAGCTACAGGCAACAC
 CACTTCCGCGTTTCTCTTGCGCCCTGGTCCAAGATGGCGGATGAAGCCACGCGACGTGTT
 GTGTCTGAGATCCCGGTGCTGAAGACTAACGCCGACCCCGAGATCGTGAGTTGTGGGTG
 CAGCGACTGAAGGAGGAATATCAGTCCCTTATCCGGTATGTGGAGAACAACAAGAATGCT
 GACAACGATTGGTTCCGACTGGAGTCCAACAAGGAAGAACTCGTGGTTTGAAAATGC
 TGGTATATCCATGACCTCCTGAAATATGAGTTTGACATCGAGTTTGACATTCCTATCACA
 TATCTACTACTGCCCCAGAAATGTCAGTTCCTGAGCTGGATGGAAAGACAGCAAAGATG
 TACAGGGGTGGCAAAATATGCCTGACGGATCATTTCAAACCTTTGTGGCCAGGAATGTG
 CCCAAATTTGGACTAGCTCATCTCATGGCTCTGGGGCTGGGTCCATGGCTGGCAGTGAA
 ATCCCTGATCTGATTAGAAAGCGTCATCCAACACAAAGAGAAATGCAACCAATGAAGA
 ATCAAGCCACNTGAGGCANGGCAGAGGGACCTTNGATAGGCTACGATACTATTNTNCTGT
 GCATCACACTTAACTCATCTAAGTGGCTTCCCGGACACNCTNNCACTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016406 unedited
 GGCCGCAATCTAGNATCGAGNNNTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAC
 CACAAGGAAGCAGCTTTTATTGATGGGTATCTCCAAAACCAAAAAGACTATTTGTA
 CACTTTCAGTTACCCCGTGCCTCCAAAATCGCATGTTGCTCCACCTGGGGGCGGATATA
 AATTACCTTTAAATTGTCAAAGCCAGTCTTTCCTTCCCTGTGCAGCCTTAAAACTA
 AGTAGCAGTACTGTTTGGGGTGTGTTTGTTTTTTCCCCAGCAATGCCTACTGCAGCTACT
 TAATAACAATAAAGGTGGAGGGTGTCCGGGAAGCAGTTAAATGAGTTAAGTGTGATGC
 ACAGGAAAATAGTATCGTAGCCTATCAAAGTCCCTCTGCCCTGCCTCAGGGGCTTGATT
 CTTCAATTGGTTGCATTTCTTTGGGTTGGATGACGCCCTTCTGAATCAAATCAGGGATT
 TCCACTGCCAGCCATGGACCCAGCCCAGGCCATGAGATGAGCTAGTCCAAATTTGGGC
 ACATTCCTGGCCACAAGGTTTGAAATGATCCGTGAGGCATATTTGCCACCCCTGTAC
 ATCTTTGCTGTCTTCCATCCAGCTCAGGAAGTCAATTTCTGGGGCAGTAGTAGGATAT
 GTGATAGGAATGTCAAACCTCGATGTCAAACCTCATATTTCCAGGAGGTGATGGATATACCAG
 CATTTCCTCAAACCCGAGTTCCTTCTTGTGGACTCCAGTCGGAACCAATCGNTGTCA
 GCATTCCTGTTGTTCTCACATACCGGAATAAGGACTGATTTTCCCTTTCAGTCGCTGACC
 CCCACTNAGATCTGGGGTCCGGGTAGTTCTCACACCGGGTCTCAAACCAACCGTGGGGT
 GGTTCATCCGATTTGACAGGCCAGAAACCCGAGGGTGTTCCTGTACTACCTCAGGCC
 GTTTCTACTTGGGA

Restriction Sites:

NotI-NotI

ACCN:

NM_016406

Insert Size:

1130 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: [NM_016406.1](#), [NP_057490.1](#)

RefSeq Size: 1137 bp

RefSeq ORF: 504 bp

Locus ID: 51506

UniProt ID: [Q9Y3C8](#)

Cytogenetics: 1q23.3

Gene Summary: UFC1 is an E2-like conjugating enzyme for ubiquitin-fold modifier-1 (UFM1; MIM 610553) (Komatsu et al., 2004 [PubMed 15071506]).[supplied by OMIM, Mar 2008]