

Product datasheet for SC320838

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_016406.1
 ACCCTTTGTGCCTTATGCGGTGATTTTAATGATAGGTGTCATATATAGGACGGAGTAATC
 TGTTTACATTCTGTTCTTCTCGATGCACTCACAAAGCGGGTAACTAGGTGACAAGAAAACA
 GAGATCTTATTCAAAGAGGTCTTACAGCAACCCAACGTCTCATCTTCCCATAGTAAAGA
 TGACGGCGCCTTGAGGTAAGCTACAGGCAACACCACTTCCGCGTTTCTTTCGCGCCTGG
 TCCAAGATGGCGGATGAAGCCACGCGACGTGTTGTGCTGAGATCCCGGTGCTGAAGACT
 AACGCCGACCCCGAGATCGTGAGTTGTGGGTGCAGCGACTGAAGGAGGAATATCAGTCC
 CTTATCCGGTATGTGGAGAACAACAAGAATGCTGACAACGATTGGTTCGACTGGAGTCC
 AACAAAGGAAGGAACCGTGGTTTGAAAAATGCTGGTATATCCATGACCTCCTGAAATAT
 GAGTTTGACATCGAGTTTGACATTCCTATCACATGTCCTACTACTGCCCCAGAAATTGCA
 GTTCCTGAGCTGGATGGAAGACAGCAAAGATGTACAGGGGTGGCAAAATATGCCTGACG
 GATCATTTCAAACCTTTGTGGCCAGGAATGTGCCAAATTTGGACTAGCTCATCTCATG
 GCTCTGGGGCTGGTCCATGGCTGGCAGTGGAATCCCTGATCTGATTGAGAAAGGCGTC
 ATCCAACACAAAGAGAAATGCAACCAATGAAGAATCAAGCCACTGAGGCAGGGCAGAGGG
 ACCTTTGATAGGCTACGATACTATTTTCTGTGCATCACACTTAACTCATCTAACTGCTT
 CCCCAGACACCCTCCACCTCTAGTTGTTACTAAGTAGCTGAGTGGCATTGCTGGGGAA
 GAAACAAACACACACCAAACAGTACTGCTACTTACTTTCTAAGGCTGCACAGGGAAGGGA
 AAGACTGGGCTTTGGACAATCTAGAGGTAATTTATATCCGCCCCAGGTGGAGCAACATG
 CGATTCTGGAGGCACGGGGTAACTGAAAGTGAGTACATATAGTCTTTCTGGTTTCTGGA
 GATAACCCATCAATAAAGCTGCTTCTCTGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 A

Restriction Sites:	Please inquire
ACCN:	NM_016406



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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_016406.1</u> , <u>NP_057490.1</u>
RefSeq Size:	1137 bp
RefSeq ORF:	504 bp
Locus ID:	51506
UniProt ID:	<u>Q9Y3C8</u>
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]