

Product datasheet for **MC204187**

Ufc1 (NM_025388) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ufc1 (NM_025388) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ufc1
Synonyms:	1110021H02Rik; AA062310; ESTM29
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC021936 TGTTCTTCCGGACGCTCACACCCTAAAGATGGCGACGCCGTGAGTAAGTGACAAGCAACTGCACTTCCGC AGTTTTCTGCTCCCTGGTCCAAGATGGCGGACGAGGCCACTCGCGGGTCGTGTCTGAGATCCCGGTGC TGAAGACCAATGCCGGACCCCGAGATCGGGAATTGTGGGTGCAGCGACTAAAGGAGGAATATCAGTCCCT GATCCGGTATGTGGAGAACAACAAGAATTCGGACAATGATTGGTTCCGACTGGAGTCCAACAAGGAAGGG ACCCGGTGGTTTGGAAAATGCTGGTACATCCACGATTTCTCAAATATGAGTTTCGACATCGAGTTTGAAA TTCCTATCACATATCCCACTACTGCTCCGAAATTGCAGTCCCTGAGCTGGACGGGAAGACAGCAAAGAT GTACAGGGGTGGCAAAATATGTCTGACTGATCATTTCAAACCTTTGTGGGCCAGGAATGTGCCTAAGTTT GGACTAGCTCATCTCATGGCCCTGGGGCTGGTCTTGGCTGGCAGTGAAGTCCCCGATCTGATCCAGA AGGGTGTGATCCAGCACAAAGAAAAATGCAGCCAATGAAGGACTACGCCCTGAGGCCGGACTGAGGGAC CGTGGCTAGGCTCCATTCTGTTTGTCTCTTTCTCAGGATTCCTTCAAGGGTCACCTCTGGCTGTTACAA AGTAGCTGGAGGGACAAATAAGAAAACCAACAATAGGGCAAGGTCACAAAGTTTCTAAATGAAACTGTA CAGAGAGATGAAAGATTTGGGCCTTGAATAGGCGGTTTGTATCCCTTCTCCAAGTAGAGCCCTGGAGGC ATTTTGGAGGCCTGGGTGTAACCTACAGCACATAGCTTTTTGGTTTCTGGAGACAACCTGTCAATAAAA GCTGCTTCCCCTGGTAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_025388
Insert Size:	504 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).



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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC021936 , AAH21936
RefSeq Size:	940 bp
RefSeq ORF:	504 bp
Locus ID:	66155
UniProt ID:	Q9CR09
Cytogenetics:	1 79.31 cM
Gene Summary:	E2-like enzyme which forms an intermediate with UFM1 via a thioester linkage. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (a). Variants 1, 2, and 3 all encode the same isoform (a).