

Product datasheet for **MC201202**

Ufsp1 (NM_027356) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ufsp1 (NM_027356) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ufsp1
Synonyms:	2700038N03Rik; D5Ertd655e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC016577 sequence for NM_027356
AATTCGTCTGCCTGTGGAATCATCTCCTGCCGCTAGCCTGCTTGTCTGAGAGTTCTCCGGTTCTACGTG
CCCACACTGCCCGTAGCTAGTCCCAGAAAACACCAGGAACCCGGAATTGGCCCTGCCTCGATGACAGCTG
CTCTACCGAGCACCTGGAGCTGCTGAAGGACGTGCACCTGGGCCCTGCCTGTGCCCTGCCATGATCCCGC
CCGACTGGCCCTCCTCTCAGGCCACTACCTTTACTATCACTATGGTTGCGATGGACTGGATGACCGTGGC
TGGGGATGCGGCTACCGCACCTGCAGACGCTGTGCTCCTGGCCAGGGGGCCAGTCTCAGGCGTGCCTG
GACTGCCAGCCTTGCAGGGAGCCCTAGAGGCCATGGGCGACAAGCCCCCGGATTCGGGGCTCCCGTAA
CTGGATCGGCTGTGTAGAGGCCAGTCTCTGCCTAGAACAACCTTCGGAGGACCTCAAGGGCGCCTATGCCAC
TTACCCCGCGGAGTAGGGCTTAGGGGAGAAGAGGAGCGGCTTTATTCACACTTTACAACGGGTGGGGGCC
CAGTAATGGTAGGAGGAGATGCAGATGCCAGTCCAAGGCCCTGTGGGGATCTGTGAGGGGCCAGGTTT
AGAAGTCTATGTCTTGATACTGGACCCACACTACTGGGGCACTCCAAAAACCGTTGTGAACACTACAAGCT
GCTGGATGGGTGGGCTGGCAAAAGGTAAAAAGCGTCTTTGATTCCAATTCCTTCTACAACCTGTGCTTCA
CCAGAAATCTCTGAATCACACGCCCTACCTGCACCGTTGGGTAGATCCCAGAACTGAGACTAAACACAG
CCACCTATTTACTTCGCACAGGCCCCACCGCGATCAAGTTTGGGCTGGCACAATGATACGGGCAGGTG
AATCTGAGTTCAAAGCCAACCTTGGTCTACACAGCAAGGCCAAGCTGGAATTAGAGATACTGTTCTGAAAA
ATAATAAATTGGCGTAATTCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_027356

Insert Size: 654 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.
RefSeq:	<u>BC016577</u> , <u>AAH16577</u>
RefSeq Size:	1016 bp
RefSeq ORF:	654 bp
Locus ID:	70240
UniProt ID:	<u>Q9CZP0</u>
Cytogenetics:	5 76.33 cM
Gene Summary:	Thiol protease which recognizes and hydrolyzes the peptide bond at the C-terminal Gly of UFM1, a ubiquitin-like modifier protein bound to a number of target proteins. Does not hydrolyze SUMO1 or ISG15 ubiquitin-like proteins.[UniProtKB/Swiss-Prot Function]