

Product datasheet for **MC220699**

Usp43 (BC021474) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp43 (BC021474) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Usp43
Synonyms:	9130017K11Rik, B930051C24, RP23-464J2.1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC021474
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTTGCAGAGGAAGGAGGTGTCCTGCAGAGGAGTGATCTTGTTGAACTGTATCCCAATGGATTCC
 AGCGGTCAATCCTTGATGAAGAGGACCTGAATACCATTGCAGAGGGTGACAATGTGTATGCTTTCCAAGT
 CCCTCCCTCACCTGGTCTGGGGACGCTCTCAGCCCATCCGTCTGGTCTGTCAAGTGCACCGCGCTTGCCA
 GTCCTGTACAGCCAGCGATTCTCTGGGCTCTCCACAGCGAGAACAGGGTGGTCTTTCTCTGTAAAC
 TGGTGGGCTCAGGGCAGCAGGCGAGCAGTTTGGACCACCGTTCTTGATTCGGGAAGATAGAACAATCTC
 CTGGGCCCAGTTCAACAGTGTATTCTCAGCAAGGTTGATGCCTCATGAGGAGTGAGGTCTCTGCACAG
 GACCTGGGACTCTGTTCTCCATCCGGTTGTGGGCTCTCCTTGGCCTGCAGCTACTTATCTCAAAGG
 ACAACCGGCCCTTTGCCACTGGCAGTTGACAGGGCTTGCACCTCAGGAGGCCAGGAGCCCTCTCA
 TGTCAGCTGGCTGTGGAATGGGACAGCTCTGTACAGAGCGCTGTTTGGGAGCTCCAGGAGGAACGG
 GTCCAGGATGCAGACAGTGTGTGGCGGCAGCAGGCACACCAGCAGCCAGCTGTACCCTGGACGAAT
 GTTTTCAGTCCTATACCAAGGAGGAACAGCTGGCCAGGATGATGCATGGAAGTGCCTCACTGCCAAGT
 CCTCCAGCAGGGTGTGGTCAAGCTGAGTCTGTGGACTCTGCCCGACATCCTGATCATCCATCTGAAACGG
 TTCTGTCAAGTGGGAGAGAGAAGGAACAAGCTCTCCACGCTGGTGAAGTCCCAGTGTCTGGACTCAACA
 TGGCTCCCCATGTAGCACGGAGGAGCACAACCTCAAGCGGGGGCCCGCCCTTGGTCTCTGGAAGCA
 GCCGATCGCTCCCCACCCTACCCGCTGGACTTCTCTACGACTTGTATGCTGTCTGCAACCACCAT
 GGCAGTGTCAAGTGGGCATTACACAGCCTATTGCCGGAACCTCCAGGAGGCCAGTGTACAGCTATG
 ACGACAGCACAGTGGAGGCCCTGCGAGAGGATGAGGTCAACACCAGGGGGCTTACATCTATTCTACCA
 GAAGCGGAACAGCATCCCTCCCTGGTCAGCCAGCAGCTCCATGAGAGGTTCCACCAGCTCCTCCTGTCT
 GATCATTGGCTCATGAGACTCGGGAGCCTCAACAACAGCACAAGGGGAAGCTTGTGTCTGGAGCTCGG
 CCCCCTGCCCTCCGTGGCCCGGTACCCGACTCTCCTGTCTTACCAATGGTGTCTGCCACCAGGACAA
 GGGAGGAGTTGAGACCAGACCTTGGTTCGGGGTGTGGTGGCCGAAGTATCAGCATGAAGGCATCTCCT
 GCTTCCCGATCCAGGCATGGGCCCTTCAAGACCATGCCCTGAGGTGGTCAATTTGGACACAGGGAGAAAC
 GTCCCGGGCATCCGTTGAACTGGTGAATACCTAGAGTCCAGAAGAAGACCCCGTTCTACCAGCCAGTC
 CATTGTGCCGCTCTTACTCGTGTCTGTTGGGGAAGAGACTTCAGCGTCACCGAGGTCAGATGGCACC
 CTTCTGTAAAAGTGAAGACAGCGGTCGAGCCATTGGGCAAGGAACAACCTGGGGTGCCCTTTCTCAT
 GCCACCTCAACCACCATCCAGCCCTGGGGTCTTTAGATGACAGTCTGCACACTGCCAGGACAGAAACGGG
 GAATGTAAGTCAGGATATCAGGCTCCCAAAAAGTTTGACCTGCCCTCACTGTGATGCCCTCAGTGGGG
 GATGAAAAGCCAGCTCGCCCTGAGGGCCAGAAGATGACACCTTGAAGGGGAAGTACCCAGGTGGGAAGCC
 AGAGTAGCCACCTTCCCCTCCACTGGCTTGCTTAGAACTTTAAGGACAATGGCCAGGTACCTTACC
 CAAGATGAAGTCTAAGGCTGCCATGGAGGAAAGGGCCCTGGCAAAGACAGGGGACAGGGGACATCACT
 CTTTTGAAGTCTGTGTTTTGGAAGAAAGAACACAAGAGGACTGTCAGGACTGAGAGCTCACCACCAGCAC
 CCCAATCTCCCTAGGGAGTGACCGCTGAGCCCTGCCATGAATGAGCAGGCCGAGGTTTATCCCTGC
 CCTCAGGATTCGAGAGAGCCAGCCAAGGGCTGGGCAACCACATGGAGAGGGACATCAGATCTGCGCC
 AGCTCTCTCCACCTCCCCGAAAAGCCAGCAGGCCCTCGAGCCAGTACAGCTGGCACCTCACAAGGA
 CCATTCCTGGGGAACAGATTTCTTATGGCACCTGCAGAGAGTGAATACCACACCCCTTCTTAGGTGC
 AAAGAAATCCTTACTGAGTCCAGCTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC021474
Insert Size: 2481 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:	<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:	BC021474 , AAH21474
RefSeq Size:	2948 bp
RefSeq ORF:	2480 bp
Locus ID:	216835
Cytogenetics:	11 B3
Gene Summary:	May recognize and hydrolyze the peptide bond at the C-terminal Gly of ubiquitin. Involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins (By similarity).[UniProtKB/Swiss-Prot Function]