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Product datasheet for MC223695

Usp43 (NM_173754) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp43 (NM_173754) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Usp43
Synonyms:	9130017K11Rik; B930051C24; C630032K07Rik; RP23-464J2.1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223695 representing NM_173754 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGATCCGGGCGTGGGGAACGCACTGGGAGAGGGGCCGCCCGCGCCCCGGCCCCGCCGCCGCCGTTCCC TTCGCCGCCTGCTTAACCGCTTCCTGCTAGCTCTGGGCAGCCGCTCCCGCTCGGGGGACTCGCCGCCCCG GCCCCCGGCCCAGCCCAGTCCCTACGATGGCGATGGAGAAGGGGGCTTTGCCTGCGCCCCGGGCCCGGCA CCAGCCTCTGCCGGGAGTCCAGGGCCAGATCGTCCTCCGGGATCCCAACCCCAGATATCTTCGGGTGACG GGGCGCGTCCGCCCGGCGCTCAGGGCTTGAAGAACCATGGCAACACCTGTTTCATGAACGCGGTGGTGCA GTGTCTCAGCAACACCGACCTGCTGGCCGAGTTCCTAGCGCTGGGGCGCTACCGGGCGGCGCCGGGCCGC GCCGAGGTCACCGAGCAGCTGGCGGCGCTGGTGCGCGCGCTCTGGACGCGCGAATACACGCCCCAACTTT CCGCAGAGTTCAAGAATGCTGTTTCTAAGTATGGCTCCCAGTTCCAAGGCAATTCCCAGCACGATGCCCT GGAATTCCTGCTCTGGCTTCTGGATCGTGTCCACGAGGACTTGGAAGGCTCAGCTCACGGGCTGGTATCT GAGCAGCTGCCCCCAGAAGTGAGTAAGATCTCAGAGGACCTCCGGCCATCTGCAGCTCCTACCTCCTTAG GGCCCAGCTTTGTGCAGAGCCACTTTCAAGCACAGTACAGGTCTTCCTTGACTTGTCCACACTGCCTAAA ACAAAGCAACACCTTCGACCCTTTCCTGTGTGTGTCCCTTCCCATCCCCTTGCGCCAGACGAGATTCTTG AGTGTCACTTTGGTGTTCCCCTCAAAGAGCCAGCGGTTTCTGCGTGTTGGCTTGGCCGTGCCAATCCTCA GCACAGTGGCGGCCTTGAGGAAGATGGTTGCAGAGGAAGGAGGTGTCCCTGCAGAGGAGGTGATCTTGGT TGAACTGTATCCCAATGGATTCCAGCGGTCATTCTTTGATGAAGAGGACCTGAATACCATTGCAGAGGGT GACAATGTGTATGCTTTCCAAGTCCCTCCTTCACCTGGTCTGGGGACGCTCTCAGCCCATCCGTCTGGTC TGTCAGTGTCACCGCGCTTGCCAGTCCGTGACAGCCAGCGATTCTCTGGGCCTCTCCACAGCGAGAACAG GGTGGTCTTTCTCTTCTGTAACCTGGTGGGCTCAGGGCAGCAGGCGAGCAGGTTTGGACCACCGTTCTTG ATTCGGGAAGATAGAACAATCTCCTGGGCCCAGCTTCAACAGTGTATTCTCAGCAAGGTTCGATGCCTCA TGAGGAGTGAGGTCTCTGCACAGGACCTGGGGACTCTGTTCTCCATCCGGGTTGTGGGGCTCTCCTTGGC CTGCAGCTACTTATCTCCAAAGGACAACCGGCCCCTTTGCCACTGGGCAGTTGACAGGGCTTTGCACCTC AGGAGGCCAGGAGGCCCTCCTCATGTCAAGCTGGCTGTGGAATGGGACAGCTCTGTCACAGAGCGCCTGT

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TTGGGAGCCTCCAGGAGGAACGGGTCCAGGATGCAGACAGTGTGTGGCGGCAGCAGCAGGCACACCAGCA
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ACAAAGGACCATTCCTGGGGAACAGATTTCTTATGGCACCCTGCAGAGAGTGAAATACCACACCCTTTCC
TTAGGTCGAAAGAAATCCTTACCTGAGTCCAGCTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_173754

Insert Size: 3399 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_173754.4, NP_776115.2
RefSeq Size:	4462 bp
RefSeq ORF:	3399 bp
Locus ID:	216835
UniProt ID:	Q8BUM9
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] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.