

Product datasheet for **MC202784**

Usp22 (NM_001004143) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp22 (NM_001004143) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Usp22
Synonyms:	A1427806
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC080737 sequence for NM_001004143
AAGAGGTAATCCCCGCTGCCCGCGCGCCGGCCTTGCCCGCCATGGTGGCCAGGCCGGAGCCTGAGG
TCGAGGCCATGGACGCTGAGCTGGCGGTACCGCCGCTGGCTGCTCGCACCTGGGCAGCTTCAAGGTGGA
CAACTGGAAGCAAACCTGCGGGCCATCTACCAGTGCTTCGTGTGGAGCGGAACTGCCGAGGCTCGCAAG
CGCAAGGCAAAGTCTGTGTCTGCCATGTCTGCGGCATCCACCTGAACCGGCTGCACTCTTGCTCTACT
GTGTCTTCTTTGGCTGTTTCACGAAGAAGCACATCCATGACCATGCCAAGTCAAAGCGACACAACCTGGC
CATCGACCTGATGTACGGAGGTATTTACTGCTTCTGTGTCCAGGACTACATCTATGACAAAAGACATAGAA
ATCATTGCCAAAAGAGGAGCAGCGCAAGGCTTGGAAAGATGCAAGGTGTTGGAGAGAAGTTTTCAACTTGGG
AACCAACTAAACGGGAGCTGGAACCTGCTGAAGCATAACCCAAAAGAGGCGGAAGATCACCTCCAATTGTAC
CATAGGCTGCGTGGACTGATCAACCTGGGGAACACGTGTTTCATGGACTGCATCGTGCAGGCGCTGACC
CACACTCCGCTCCTGAGAGACTTCTTTCTGTGCGGATAGGCACCGCTGTGAGATGCAGAGCCCAGCTCCT
GCTTGGTCTGTGAGATGCTCTCTCTTCCAGGAGTTTTACTCAGGGCACCGCTCCCCACACATTCCATA
CAAGCTGCTGCACCTGGTGTGGACGCACGCCCGCACCTGGCGGTTATGAGCAGCAGGACGCACATGAG
TTCCCTATTGCAGCCCTGGACGCTCTCCACCGGCACTGCAAAGGTGATGACAATGGGAAGAAAGCCAACA
ATCCTAACCACTGCAATTGCATCATTGACCAGATCTTTACGGGTGGGCTCCAGTCTGATGTTACATGCCA
AGTCTGCCACGGGTCTCCACCACCATAGACCCTTCTGGGACATCAGTTTAGACCTTCCCGGTTCTTCT
ACCCCATTTCTGGCCCTTGAGCCCAGGGAGCGAGGGCAGTGTGGTTAATGGGGAGAGCCATGCATCCGGGA
CCACCCTCTCACAGACTGCCTGCGAAGATTTACCAGACCAGAGCACTTAGGAAGCAGTGCCAAGATCAA
GTGTAGCGGTTGCCATAGCTACCAAGAGTCCACAAAGCAGCTCACCATGAAGAAGCTGCCATTGTGGCC
TGTTTTCCATCTCAAACGATTTGAACACTCAGCCAAACTTCGGCGGAAGATCACCACATATGTGTCTTTTC
CCCTGGAAGTGGACATGACGCCCTTTCATGGCTCCAGCAAAGAGAGCAGGATGAATGGGCAATACCAGCA
GCCCCTGGACAGTCTCAACAATGACAACAATACTCCCTGTTTGTGTGTTAACCATCAAGGGCAGCTTG
GAGAGTGGCCACTACACCAGCTTTCATCCGGCAGCACAAAGACCAGTGGTTCAAGTGTGATGACGCCATTA
TCACCAAGGCCAGCATCAAAGATGTACTGGACAGTGAAGGGTACCTACTTCTATCACAAACAGTTCTCT
GGAATACGAGTAGCCTCCTGCTTGGCTGGCCAGAGAAAGAGAGAGAGAGAAAGAGAGAGAGAAAGT
TGGCAAACCTCCCGACATGATCCCTGCTCCCCCAAATCAGAACACCATGGCATTCTCCTATGCAGGCA
AGCCTCCCTCATGGCCTGCACTAGGAGATGTGTGAGGTGGATGAGCAGAGTGGAGTGCGCCCTTGGTGG
AAAGGAGTGCCTCCCCAGCACCTGTCTTTGAGCCTTGTAGGCAGGGGATGGATGCTTTCAGAGCAGAC
CAACCCTCTGCCTGCTGCTTACCCTGCCATCCACCTGCCTCCTTGAATGAGCCCGTCAAAGCTGT
AGAGTGGGAGAGATGATGCCAGAGGGCAGAGTGTGTCAGCAGCAGCCCTTGGCATGAAGGGCAGAGG
GTATGTCTCTTTCTAAAATTGTAAGATAGCCCAGGCCAGGTTGAGGCCACCCACAGGCTACAAT
ACATCTGCTACAGATAACTTAGCATCAACTGCATGTGAAACATCGGCTCAGACGTTCCCTTTGTTTT
CTAGAAATAGGTGTCGTCTTACCTTACCCATTTGCTCTTTTTCCACGGTGGTGAAGTTTCTAAACGTG
ATAGTAGTGAAGTGAATGATTATCAAGTTATACGGAATCTAGATGGTTCTCTCCCTCTGAGAGCGTGT
CTTGCTCTTTTGTAGTGTGTTTCTTGGCCTGTGCCCTGCCTTCTTCTCAAACGGCTGGTGGCCAG
GCAGATACAGAGTCCCTGGTATCTTGATCTTTGACAGTATCCTTGGTGGCTCCATTGACCCAATCCT
CCCATGTTTCTTCTTGGTCTTTTGCCTGCCAGGGAGGTTTGTGACTGTGTGAGATTTGAAGCTGAGG
TCCAGTTGGAGACTGCATTGCATAGTGTACCCGCTTGCCTCCATTCTGTGTTCACTATAGTTTCAGTTA
CAGCCAGAATAGGAAGGCTCCATTACCAGTCTCCTGGCAGGGTATTTCATGAAGTTTATTGTAAGATAT
TTTGCATGTATCTTGGACAAGCCTAGGCTGTCCACTTCTGAGCAACTGGAATCTAGGGTCTTGGTGT
CTCCTCATACCACTGCCTTTCCAGTGGTCTTACCAGGAGCCTGTTGGCACCCACCCAGGAGTTGCCCA
TCAGAACAGGCAACTATTTCTAAGAGCCAGGCTCTGAGCCGTAGACCCATAGCAGGTAACACGTGCATC
GTGTTTGCATAACAAGTACGGCTGTGATTTAAATTACATATAATTATGTGTACAGATACTTTTTTTTTT
TTTTTTTTTACTATTTGAAAATAAGATTTTGTTTTTTCACTTACAGGCTATAAAAGAGCAGTACAGGGCC
CAGCCCAGCTCCTTAGCTAGCGAATTGCGATGGAATGACATAGCTGTGGCAAACATA

Restriction Sites: RsrII-NotI

ACCN: NM_001004143

Insert Size: 1578 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:	BC080737 , AAH80737
RefSeq Size:	3068 bp
RefSeq ORF:	1578 bp
Locus ID:	216825
UniProt ID:	Q5DU02
Cytogenetics:	11 B2
Gene Summary:	Histone deubiquitinating component of the transcription regulatory histone acetylation (HAT) complex SAGA. Catalyzes the deubiquitination of both histones H2A and H2B, thereby acting as a coactivator. Recruited to specific gene promoters by activators such as MYC, where it is required for transcription. Required for nuclear receptor-mediated transactivation and cell cycle progression (By similarity).[UniProtKB/Swiss-Prot Function]