

Product datasheet for **MC222267**

Usp29 (NM_021323) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Usp29
Synonyms:	Ocat
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC222267 representing NM_021323

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTCACCTAAAGATAAATGGTTTGGTCCAGATCCGCAGCACAAACAGGAGCAAGCACACCAGGGCAT
CTCAGTGGAAGGAAGCAGTCATCGAAATAGTAGAAAGAAAACAGAAAGTTAATCTGGTGGTTCTTTCAA
GTTGGAAGAAAGGAGAAGGGTGTTCAGCTGGGTGATAATGTTACAGGCGTAGTGGTTAGTGGTGAGCTG
GGACTGTATCATCTGGATTTAACTTTGAGAGACGACACATCCTTACTCATCGACAAGTTATCCTCTGCAG
ATGTTGAACATTTGAAGTCATTCCTGGATTCTGCTACTCCATGTGAGTCCCAGCAACCCATGGAGCCCAT
GAGTAGTCAGGATGACCTTGAAAGCAGTGATCCATTTTGCGGGGAGCACCAGGAGGCAGCCTGTGGATCC
CTGAATACCACTCCAGAAAGTGGGACACCACTGTCCCGCAAGATGCCACTTTCTATGTCAAACACCAAGG
GCGGCCAAAAGAGAGGAGAAAAACAAGGCAGAAAGAGGAAGACAGAACCATCCTCTCCAGCGCAGAAAGT
GAACAAGGACATTTCCAAAGAAAATACTCCTGACCAAAAAAGAAATCCAGGCGATATTATCCAGGAAC
AGAGGGCGCAAGCAGAGAAAGCTGTGACCTTAAGAGAACAGAAAGCGTAGCAATTGGAAACTTGAAC
CTGCTTTCAATTCAAATCCTATGGAAGGGCTAACCTGGATGGCACTATCCTTCCAATCGCGACATGCTC
TGATGACAGAGATGTATCAATATTTGGACTGGAGATCATAACACATAATGGAGTCCAATCTCTTCTGAC
CCTTACCTAAATCAACTAAAACGTGAAGGCTTCCCAAACTTGGGAAATACTTGTACATGAATCCATTT
TGCAATCTGTCTTTGGGATTCCAACCTTTGCAAGGACTTACTCACTCAAGGCATCCCATGGGAGAAAGT
CTCCTACGATGACCTTATCATGCCCTTAAGCCAGCTCCTTGTCTTGAAAGACATTGGGATGTAGAGATC
AAGGGGGAGTTACTCACCAGTGAAGAAGTCCATTTCCACAGTTCAGACACATTCTCGGCAATGAAC
AGAACGATGCCATGAGTTTTTAAGTCTGTGTTTAGACCAGCTGAACTGAACATGGAAAAAGTAAATGC
CATGTGGGATACTGAGAGGAGAAACACATGTGCTGGGTCTGCTGGCACCAGGTTTGTGTTGCCCGTT
GGAGCTAATTTGAATTTGAGCTGCATAGCTCCATCATCTGTGAAGGCTGTGGTGAGGCTACTATCAAAA
CCGAAGTGAGTAATTACCTCTCCATTGACCTGCACCATGGGACAAAAACACACCCTCTATCAATTCAAAA
GTCTTTTGATCTTTCTTTACACCAGAAAAATTTGAGCATAACTGTGAGAAATGTAAGAACAAGAATCT
GTTCTCAAGTACACATTGAGGAGACTCCCGAGGTCCTCATTGTTCACTGAAACGCTACCAAGTTACCA
CTGACTTGTGCCAGTGAAGAGTGAGCAGCCAGTTGAGATTCTAAGTATTTAAATATATCTTCCCACTG
CCATGAAAACAGGAAGCTACCATTTCCCTTGGCTAATACATCCCGAGATGTCTCTCAAGGGATGATGCCT
GGGATCTTCAACCAGTCAATGTTATCTAAGAAGGTGATTTGAGAACTCTGTGACCCCATGGTTCTACAGG
TTGGATCCAGTGTGGATGCTGAAATACAAAGCTTCCAGATAATGTATGAGGATGAAGATGCAAGTGAGGA
GCAGCAGCAGAGAGGCTGGAAGTGGCTCCATGCTGGAGCCAGAACTAGTGAAGACAGAAAAACCGGATA
CTCAGACAAAAGACATCACTAGCAACTGACTCAATGATGGGTGACGGATACAGCTTCTCTCTATGCTCT
GTGAGCCTCTGAGCATCCAAGATCCAGGCTTTCAGAGATGGGTCTTCAAGAGGTTCCAGAGAATCCAGA
ATTTAAGAACTATGAGAAAATTAACATATATGGAAAGTCAGATGGCCGCACTAACACTGAGTTGTCAAAA
CTCTACCAGAATCATGGAAGTCGAATCAAGGGTTTGTCTACCGGCATCCCTTGCAAGTGTTAGTTCTC
AGGAAGACCCAGAGAAGGACCTGAGTAGGTCTCCAGAATTGCAGGAAGATGACCCACATTCTTTGCATT
TGGTTCTGATGATTCAAAGATGGGAGATGGGAGATGATCTTCAAGATTACAGGCTCGTCAGTGTGGTC
AGCCACTTTGGGAGCTCCCAAAATTCAGGCCATTACGTAAGTGATGTGTATGACTTTCAAAAGCAAGCCT
GGCTCCTTTACAGTGATGTCCAAGTGTTCGAGAGTTTCAGATCCCTCCATTACAGGAGAACAGGCTAAACAG
CGGATACATCTTCTTTACATGCATAATGAGATTTTGGGAACTGTTGAAAAAGGCATCTGAGTGCAAG
GTCCTTAGCACATCTAAGGAGGAAAAAGAGGACATAGATTACTTCTCAACATTGCTTAACGGCCTTACAT
ACATCTGGAAGAATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_021323

Insert Size:

2610 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_021323.3 , NP_067298.2
RefSeq Size:	7476 bp
RefSeq ORF:	2610 bp
Locus ID:	57775
UniProt ID:	Q9ES63
Cytogenetics:	7 4.04 cM