

Product datasheet for **RN204003**

Usp54 (NM_001008863) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Usp54 (NM_001008863) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Usp54
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN204003 representing NM_001008863 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTTGAAAAAGAAATTACTTTTCTGGAGGCCGAGGTAGCGTTCAAGGAATGTTTGCACCTCGGAGCT
CAATGTCTATTGCCCCAGCAAAGGCCTCAGCAATGAGCCAGGGCAAACAGCTGCTTCTCAATAGCCG
GCTACAGGTTTTGTGGCACTTGGACATCTCCGCCGAGCTTTCGGCAGCTCACATCTACAAGTGCATG
GGCGATTCTGCATCTTCTGTGCGCTCAAGGGCATCTTTAAGCAGTTCAGTGCAGTAGTAAAAAGTGC
TTCTTCTGCACTCTCCGTAGTGCTCTGGCGAAGACTTTCAGGATGAACAGCGTTTCCAGCTGGGGAT
TATGGATGACGCTGCAGAATGCTTTGAAAACCTCCTGATGAGAATCACTTCCATATCGCGGACGAAACC
AAAGAGGATATATGACTGCTCCACACTGCATTTCCACCAGAAGTTTGGCATGACGTTGTTTGGAGCAGT
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CACTTCCCTTTGTAACCAGGCCATTTGTATGCTGGAAAAGCGGGAGAAACCTTACCAGGATGTTTGGT
GAGCTGCTTCAAGTCCAGCACCATGGGGACCTGCGGGACTGCCGAGCAACTGTGGGGAGAGAATTC
GGATCCCGGTGTTGATGAATGCACCACAGATTATCACGATTGGGCTGGTTTGGGACTCAGACCATTC
CGACTTGGCAGAGGATGTCATCCACAGTCTGGGCACCTGCCTTAAGTTGGGTGATCTGTTTTTCAGAGTG
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GATCCCCAGGGTACCCCGTGTCTGCCAGGACCTGCCTCCCCACGCTCAGTTGCTGTACACACCAAGA
CATGCTACGACAGTGAAGACTCAGGACACCTGACTGACAGTGAATGTAATCAGAAACACACAACGAAGAA
AGGGCCCTGGTGGAGCGCAGGAGAGGCTCTGGCCGATTCGGAGGAAAGCTGATGCCCCACAGGCTCA
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ACCGCCCAACATGGAGACCTAACGAGAATCCCTAAATATTGACAGCATTTTCAGTAAGGACAAAAGGAA
GCATTGTGGTTACACCCAGCTTAAGACCTTCTGAAGATGCAGCTAAAGAATTTGCACAAGATGAAGTA



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AGCAATCCAGTTGCTAACGATATTAAGATGGTGGACCAAGCTCACAGCATAAACTCTGGGAACAGCCA
 GGCCAGGCTCTCATCTTTTGAACAGCATCCTCGACTAATCCAGCGGATGGAATCTGGCTATGAGAGCAG
 CGAGAGGAACAGCAGCAGCCCTGTCAAGTTGGATGCTGCCCGCCTGAATGCTTGAATGTCTACAGGGAT
 CAAAGCACAAAGAGAGCTGTTGGGTTTGTCTCTTGGCGTCATATCCCAAAGTCTCACAGCAGTAGCA
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 AACCACTCTGCATTTACAGGCAGGATTTACCTAAAGCAACAGGTAGAAGTGAATTTCTCAACATG
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 ATATCCATGGGGATGCCTTGGTCACATTCAGCAGGAGGAGCTACTTCTGAGAGAGTTATGCATAGCCTAA
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 AGGTTCCAGGATCGAAGTTTGCCAAATGGTCTAAGGAAGAGCTTCTCCTTCTGACTTTATGCTTCCA
 TTATCCCAGGGTCCAGAAAAGAACACTGTCGTTGGGTAAACCAGCCCCCTTCTCCAGATGGCAGGGAAA
 GACAGCCCTGCTGGGAAGAACCTGCAGGGCATCCTTCTGTTTCCATTGACTCTGGGCTTCTAATGGTGA
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 TGATTCCTGATGTGTAACCTATCCAGAAAGAAATCCTATCCTTTTGCATCCACTGGAACCAAGAC
 ACAGAGCAGGAGAGCTGAACTGGAGTCTCTACCAAGCCAGTCTCCAGGCCTCTCTATACTGGCT
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 TATGAACCGAGTACAGTGCCTGTCTCAGGATTCATCAAACGTGAGGAAAAAGACTTTGGAAAACCGGGC
 ACCATTGTTCCAGCTCCTCTTCCCTCCCTGTATCCATGATCCTCCTGTATTTCTCCTTGATCCTAAACT
 CTACCCTCCCCAACACAGTTCCTGTCCCAGATGTCTGATGCCAGCATGGCAGGGGAGCCCTATAGA
 TCCCCAGGAACCTCGAGGAGTGTCCAACAGTTTCTGGCTATGTGTGACAGGGATGAACTCCCCAAGGGG
 TCAAGTACACAGGAAGGACTTTGAACTACCGAAGTCTACCTCATCGTTCAGAACTGATGCTTCTGGGG
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 ACCTACACTGCCCACTACCAGAAAGACACCAGGGCCTTCAGGTTCTCATGCTCAGTCTGGGGCAATC
 TTTTCCACTTACCCTCCATCCTTCTGCTGTTACCCAGGGTCCCCACCATCCAGCAGTCTTCTGACT
 CCATAGGTGATCTTGAATTCGGGTTCTGTTCTGGGGTCCCGAACCTGGTCTCGACGAATAGACGTG
 CCCCCAGATGATGACGGGAGACAGGCCAATACCCTCTCAGTATAGACACAGGAGTGCAGGGGAGGAGA
 GAGTTAGGTTTGTCTGTCAAACACTGCGGGCACAGAGCAGAGCAGGGTGGAGTCTACAGCACAGCAG
 GTGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001008863

Insert Size:	4767 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:	<u>NM_001008863.3</u> , <u>NP_001008863.2</u>
RefSeq Size:	5738 bp
RefSeq ORF:	4767 bp
Locus ID:	408223
UniProt ID:	<u>Q6IE24</u>
Cytogenetics:	15p16
Gene Summary:	Has no peptidase activity.[UniProtKB/Swiss-Prot Function]