

Product datasheet for **SC310753**

USP9X (NM_001039591) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: USP9X (NM_001039591) Human Untagged Clone
Tag: Tag Free
Symbol: USP9X
Synonyms: DFFRX; FAF; FAM; MRX99; MRXS99F
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_001039591 edited
 ATGACAGCCACGACTCGTGGCTCTCCGGTCGGAGGGAATGACAACCAGGGCCAGGCTCCT
 GATGGACAGTCTCAGCCCCCTCCAACAGAATCAGACTTCAGCCTGATTCTTCCAAT
 GAAAATTCCTCCGCAACTCCCCAGATGAGCAAGGTCAAGGTGATGCCCCACCACAGCTT
 GAAGATGAGGAACCTGCATTTCCACATACTGACTTGCCCAAGTTGGATGACATGATCAAC
 AGGCTCGATGGGTGGTCCAGTTTTGCCGAAAGGGAATTAGAAGTGCTTTAGAAGCT
 GCTATTGATCTTAGTAAAAAGGCCTTGATGTTAAAAAGTGAAGCATGTCAGCGATTTTTC
 CGTGATGGGCTAACAATATCATTCACTAAAATTCTTACAGATGAAGCAGTGAGTGGCTGG
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 CATTGCAAATTCATATCTACAATGGTACACGTCCATGTGAATCAGTTTCTCAAGTGTT
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CCTGTAGATATCATGGACCTGGCTCTCAGTGCCACATAAAAACTAGATTACAGTTGC
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 CCAGCAGCACATCACATGAACAACCTCAGAGAAGTGGCAACGAGCACAAAGAAAATTAT
 GAAGGCAGTGAAGAAGTATCCCCACCTCAAACCAAGGATCAATGA

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_001039591 unedited GTTTCNATTTGTAACCATTATATAGGCGGCCGCGCAATTCGCACGAGGCCCTGTGTCGA GTATGACAGCCACGACTCGTGGCTCTCCGGTCGGAGGGAATGACAACCAGGGCCAGGCTC CTGATGGACAGTCTCAGCCCCCTCCAACAGAATCAGACTTCATCGCCTGATTCTTCCA ATGAAAATTCGCCGCAACTCCCCAGATGAGCAAGGTCAAGGTGATGCCCCACCACAGC TTGAAGATGAGGAACCTGCATTTCCACATACTGACTTGCCAAGTTGGATGACATGATCA ACAGGCCTCGATGGGTGGTCCAGTTTTGCCGAAAGGGGAATTAGAAGTGCTTTTAGAAG CTGCTATTGATCTTAGTAAAAAGGGCCTTGATGTTAAAAGTGAAGCATGTCAGCGATTTT TCCGTGATGGGCTAACAAATATCATTCACTAAAATTCTTACAGATGAAGCAGTGAGTGGCT GGAAGTTTGAAATTCATAGGTGTATTATTAACAATACTCATCGTCTGGTGGAGCTATGTG TGGCCAAGTTGTCCAAGACTGGTTTCCACTTTTAGAACTTCTTGCCATGGCCTTAAATC CTCATTGCAAATTCATATCTACAATGGTACACGTCCATGTGAATCAGTTTCTCAAGTG TTCAGTTGCCTGAAGATGAAGTCTTTGCTCGTTCTCCAGATCCTCGATACCAAAGGGTT GGCTAGTGGATCTTTCTACAAAATGGCACTTTAAATGGGGTCCCAGATTTGCATGATCG TTTTATTAATGGATCAGCATTAACGTTCAAAATAAT
Restriction Sites:	Please inquire
ACCN:	NM_001039591
Insert Size:	10000 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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: [NM_001039591.2](#), [NP_001034680.2](#)
RefSeq Size: 12353 bp
RefSeq ORF: 7665 bp
Locus ID: 8239

UniProt ID: [Q93008](#)

Cytogenetics: Xp11.4

Protein Families: Druggable Genome

Gene Summary: This gene is a member of the peptidase C19 family and encodes a protein that is similar to ubiquitin-specific proteases. Though this gene is located on the X chromosome, it escapes X-inactivation. Mutations in this gene have been associated with Turner syndrome. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (4) uses an alternate in-frame splice site at the 3' end of an exon compared to variant 3. The resulting isoform (4) has the same N- and C-termini but is shorter compared to isoform 3.