

## Product datasheet for RC213179

### USP9Y (NM\_004654) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** USP9Y (NM\_004654) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** USP9Y  
**Synonyms:** DFFRY; SPGFY2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC213179 representing NM\_004654  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGATCGCC

ATGACAGCCATCACTCATGGCTCTCCAGTAGGAGGAACGACAGCCAGGGCCAGGTTCTTGATGGCCAGT  
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TTGATACGCCGCTTTCGAGAAGATGATAAAGATGGTGTGATGGCACACAAAGTGTGAACCTTCTTTGGA  
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**Protein Sequence:** >RC213179 representing NM\_004654  
 Red=Cloning site Green=Tags(s)

MTAITHGSPVGGNDSQGQVLDGQSQHLFQQNQTSSPDSSNENSVATPPPEEQGGDAPPQHEDEEPAFPH  
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 NLLRREVS EHGHLQYFNLFVYANLGVAEKTQLLKNVPA TFMLVSLDEGPGPIKYQYAE LKLYSVV  
 SQLIRCCNVSSTMQSSINGNPLPNPFGDLNL SQPIMPIQQNVLDILFVRTSYVKKI IEDCSN  
 SEDTIKLLRFCSWE NPQFSSTVLSSELLWQVAYSYYELRPYLDLLFQILLIEDSWQTHRIHNAL  
 KGIPDDRGLFDTIQRSKNH YQKRAYQC IKCMVALFSSCPVAYQILQNGDLKRWKWTWAVEWL  
 GDELEERRPYTGNPQYSYNNWSPVQSN ETANGYFLERSH SARMTLAKACELCP EEEPPDQDAP  
 DEHEPSPSEDAPLYPHSPASQYQQNNH VHGQPYT GPAHHLLNPNQKTGQRTQENYEGNEE  
 VSSPQMKDQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk8024\\_e01.zip](https://cdn.origene.com/chromatograms/mk8024_e01.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_004654

**ORF Size:** 7665 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](mailto: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 clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\_004654.4

RefSeq Size: 10048 bp

RefSeq ORF: 7668 bp

Locus ID: 8287

UniProt ID: O00507

Cytogenetics: Yq11.221

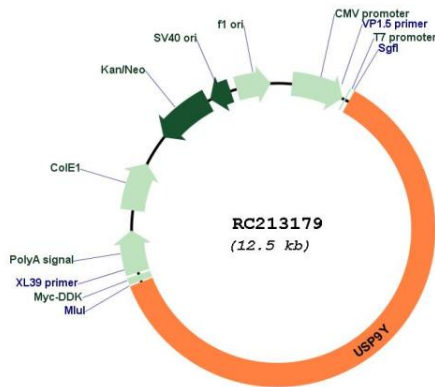
Domains: UCH

Protein Families: Druggable Genome

MW: 290.9 kDa

**Gene Summary:** This gene is a member of the peptidase C19 family. It encodes a protein that is similar to ubiquitin-specific proteases, which cleave the ubiquitin moiety from ubiquitin-fused precursors and ubiquitinated proteins. [provided by RefSeq, Mar 2009]

**Product images:**



Circular map for RC213179