

Product datasheet for RR213425

Was (NM_001108248) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Was (NM_001108248) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Was
 Synonyms: WASP
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >RR213425 representing NM_001108248
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTAGTGCCCTGTAGGAGGCAGGTCTGGGGCCGAGGGGGACCAGCAGTTCAGCAGAACATTCCTT
 CCAACCTCCTCCAGGACCATGAGAACCAGAGACTCTTCGAGCTTCTCGGCCGAAAATGCTGGACTGCGG
 AACTGCAGTTGTTTCAGCTGTACCTGGCACTGCCCCCTGGAGCTGAGCACTGGACCATGGAACACTGCGGG
 GCTGTGTGCTTCGTGAAGGATAACCCTCAGAAGTCGACTTCATCCGCCTTTATGGCCTACAGGCTGGTC
 GACTACTCTGGGAACAGGAGCTATACTCACAGCTGGTTTACCTTACTCCTACCCATTCTCCACACCTT
 TGCTGGAGATGACTGTCAAGTAGGACTGAATTTTCGGATGAGAGTGAAGCCAGGCCTTCGGGCCTTG
 GTGCAGGAGAAGATACAAAAAGGAATCAGAGGCAAAGTGGAGAAAGACGCCAGCTACCACTGACACCAG
 CACCAACCAATGAGGAGAGAAGAGGAGGGCTCCCACCTGTGCCCCACATCCCAGTGGAGATCATGGGGG
 CCCATCAGGTGGTCCACTATCTCTGGGACTTGTGACAGTTGACATTCAGAATCCTGACATCAAGTTCA
 CGTTACCGTGGGCTCCCTGCACCTGGCCCTGGCCCAACTGATAAGAAACGCTCAGGAAAAAAGAAGTCA
 GTAAAGCTGATATTGGTGCACCAAGTGGATTCAAACACGTCAGCCACGTGGGCTGGGATCCACAGAACGG
 ATTTGATGTGAACAACCTCGACCCGGATCTGCGCAGTTTGTCTCTAGGGCAGGGATCAGTGAGGCCAA
 CTCACTGACGCAGAGACCTCAAGCTCATCTATGACTTTATTGAGGACCAGGGTGGTCTAGAGGCCAGTCC
 GGCAGGAGATGAGGCGCCAGGAGCCACCACCACCACCATGCCGAGGAGGAGGAGGAAACCCCTGGAG
 CTATGGAGAACTCAGTACCGCAAGCACTCCCTCAGCAGTCAAGGCCTAGTGGGTGCCCTGATGCATGT
 CATGCAGAAGAGGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >RR213425 representing NM_001108248
 Red=Cloning site Green=Tags(s)

MSSGPVGGRRSGGRGPPAVQQNIPSNLLQDHENQRLFELLGRKCWTLATAVVQLYLALPPGAEHWTMEHCG
 AVCFVKDNPQKSYFIRLYGLQAGRLLWEQELYSQLVYLTPPFHFTFAGDDCQVGLNFSDESEAQAIFRAL
 VQEKIQKRNQRQSGERRQLPLTPAPTNEERRGGLPPVPPHPGGDHGGPSSGGLSLGLVTVDIQNPDITSS
 RYRGLPAPGPGPTDKKRS GK K I S K A D I G A P S G F K H V S H V G W D P Q N G F D V N N L D P D L R S L F S R A G I S E A Q
 L T D A E T S K L I Y D F I E D Q G G L E A V R Q E M R R Q E P P P P P C R G G G N P W S Y G E L S T A S T P S A V R R P S G C P D A C
 H A E E E

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja2135_a06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001108248

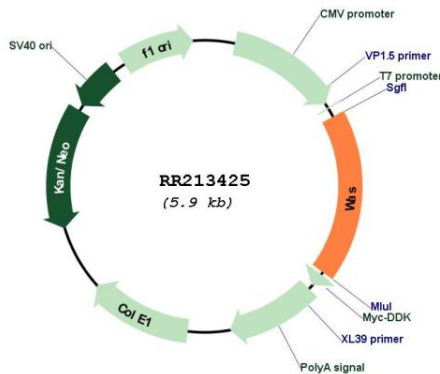
ORF Size: 1065 bp

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 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_001108248.1](#), [NP_001101718.1](#)
- RefSeq Size:** 1346 bp
- RefSeq ORF:** 1068 bp
- Locus ID:** 317371
- Cytogenetics:** Xq12
- MW:** 39 kDa

Product images:



Circular map for RR213425