

Product datasheet for **RN213440**

Wasl (NM_001110365) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wasl (NM_001110365) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Wasl
Synonyms:	N-WASP; TRS4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213440 representing NM_001110365
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCTCGGGCCAGCAGCCCCCGGGAGGGTCACCAACGTGGGCTCCCTGCTGCTACCCCGCAAGAAA
 ACGAGTCTCTTTTCTCCTCCTCGCAAGAAATGTGTGACTATGTCTTCAGCAGTGGTGCAGTTATATGC
 AGCTGATCGGAAGTGTATGGTCAAAGAAGTGCAGTGGTGTGCTTGTCTTGTAAAGACAATCCTCAG
 AGATCTTATTTTTAAGAATATTTGACATTAAGGATGGGAAATTAAGTGGGAACAAGAGCTATAACAATA
 ACTTTGTATATAATAGTCTAGAGGATATTTTCATACCTTTGCTGGAGATACTTGTCAAGTAGCTCTTAA
 TTTTGCCAATGAAGAAGAAGCAAAAAGTTCGAAAAGCAGTTACAGACCTGTTGGGTCGACGACAAAAGG
 AAATCTGAAAAAGACGAGATGCTCCAATGGTCCAATCTACCCATGGTACAGTTGACATAAAAAATC
 CAGAAATCACAACAAACAGGTTTTATGGTTCACAAGTCAACAACATCTCCACACCAAAGAAAAGAAGAA
 AGGAAAAGCTAAAAGAAGAGATTAACCAAGGCAGATATTGGAACACCAAGTAATTTCCAGCACATTGGA
 CATGTTGGTTGGGATCCAATACAGTTTTGATCTAAATAATTTGGATCCAGAATTGAAGAATCTTTTTG
 ATATGTGTGGGATCTCTGAGGCCAGCTTAAAGACAGAGAAACATCAAAAGTTATTTATGACTTTATTGA
 AAAACAGGAGGTGTAGAAGCTGTAAAAATGAACTCCGAAGGCAAGCACCACCCTCCTCCACCTCA
 AGAGGAGGACCTCCCCCTCCTCCTCCCCCTCCTCACAGCTCAGGCCCTCCTCCCCCTCCTGCCGTGGAA
 GGGGGGCTCCTCCCCGCCACCATCAAGAGCTCCTACTGCTGCACCTCCACCTCCACCTCCTTCTAGGCC
 TGGTGTGTGCTTCTCCACCTCCTCAAAACAGGATGTACCCTCCTCCACCACCAGCCCTGCCTTCTCA
 GCACCTTCAGGCCACCACCACCTCCGCCTGTCTATGGCAGGGTCCACAGCACCACCACCTCCTCCAC
 CACCTCCCCCTCCACCAGGGCCACCACCTCCCCCTGGCCTGCTTCTGATGGTGACCAATCAAGTTCCAGC
 TTCTTCAGGAAACAAGCAGCTCTTTGGATCAAATTAGAGAGGGTGTCTCAGTAAAAAAGTGGAGCAG
 AATAGTCGGCCCGTGTCTGCTCAGGAAGGGATGCACTTCTAGACCAGATACGACAGGGCATTCAAGTTGA
 AATCCGTGTCTGATGGCCAAGAGTCCACACCACCAACCCCGCGCCCACTTCAGGAATTGTGGTGCGCT
 GATGGAAGTGTGCAGAAAAGGAGCAAAGCCATTCTCCTCAGATGAAGATGAAGATGATGATGAA
 GAAGATTTGAGGATGATGATGAGTGGGAAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001110365
- Insert Size:** 1506 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.

RefSeq: [NM_001110365.1](#), [NP_001103835.1](#)

RefSeq Size: 4355 bp

RefSeq ORF: 1506 bp

Locus ID: 682507

Cytogenetics: 4q22

Gene Summary: involved in the regulation of the cortical actin cytoskeleton [RGD, Nov 2007]