

Product datasheet for **RN212247**

Zap70 (NM_001012002) Rat Untagged Clone

Product data:

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|--------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Zap70 (NM_001012002) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Zap70 |
| Synonyms: | Srk |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN212247 representing NM_001012002
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCGACCCCGCGGCATCTGCCATTCTTCTACGGAAGCATTTCGCGGGCCGAGGCCGAGGAGCACC
 TGAAGCTGGCAGGCATGGCCGACGACTGTTCTCCTGCCAGTGCCTGCGCTCGCTGGGCGGCTACGT
 GCTGTCGCTAGTACACGACGTGCGCTTCCACCATTTCCCATCGAGCGCAACTCAATGGCACGTACGCC
 ATCGCGGGCGGCAAGGCGCACTGCGGCCCGGCGGAGCTCTGCCAGTTCTACTCGCAGGACCCCGACGGAC
 TGCCCTGCAATCTGCGTAAGCCATGCAACCGGCCCGGGACTTGAGCCTCAGCCCGGGTCTTCGACTG
 CCTGCGGATGCTATGGTGGGACTACGTGCCAGACCTGAAACTGGAGGTGATGCACTAGAGCAG
 GCCATCATCAGCCAGGCCACAGGTGGAGAAGCTCATTGCTACCACAGCCACGAGCGAATGCCCTGGT
 ACCACAGCAGCCTGACTCGGAGGAGGCTGAGCGCAAACCTATTCTGGCCAGCAGCCGACGGCAAGTT
 CCTGCTGAGACCCCGAAGGAGCAGGGCACATATGCGCTGCCCTGGTCTACGGGAAAACGTGTACCAC
 TATCTCATCAGCCAGGACAAGGCTGGCAAGTACTGTATCCCCGAAGGCACCAAGTTTGATACGCTCTGGC
 AGCTGGTGGAGTACCTGAAGCTGAAGGCAGATGGACTCATTTATCGCCTGAAGGAGGTCTGTCCCAACAG
 CAGTGCCAGCGCGAAGCTGCTGCACCCAGCTCCCAGCCACCCATCCACATCACTCAGCCTCACAGA
 CGAATTGATACCTGAACCTCAGACGGATACACCCTGAACCAGCACGCTTAGACAAGCCACGACCGATGC
 CCATGGACACGAGCGTGTACGAGAGCCCTACAGCGACCCCGAGGAACCAAGGACAAGAAGCTCTTCT
 GAAGCGAGAGAACCTCCTCGTGGCCGACATCGAAGTTGGTTGCGGCAACTTTGGCTCAGTGGCCAGGGA
 GTCTACCGCATGCGCAAGAAGCAGATCGACGTGGCCATCAAGTGCTAAAGCAGAGCACAGAGAAAGCTG
 ACAAGGATGAGATGATGCGGGAGGCCAGATCATGCATCAGCTCGACAACCCCTACATTGTGCGGCTCAT
 CGGCGTGTGCCAGGCAGAGGCGCTCATGCTGGTATGGAGATGGCAGGAGGCGGGCCACTGCACAAGTTC
 CTGATTGGAAAAAAGGAGGAGATCCCGGTGAGCAACGTGGCTGAACTGCTGCACCAGGTGGCCATGGGCA
 TGAAGTATTTGGAGGAGAAGAACTTTGTGCACCGTGACCTGGCAGCCCGAATGTTCTACTGGTCAATCG
 GCACTATGCCAAGATCAGCGACTTTGGCCTGTCCAAGGCACTGGGTGCTGATGACAGCTATTACACAGCC
 CGTTCTGCAGGGAAGTGGCCTCTGAAGTGGTACGCACCAGAATGCATCAACTCCGGAAGTTCTCCAGCC
 GCAGTGATGTCTGGAGCTATGGGTCCCATGTGGGAGGCCTTCTCTATGGCCAGAAGCCCTACAAGAA
 GATGAAGGGCCCTGAGGTCTGGATTTATCAAGCAGGGTAAGAGGATGGAATGCCCTCCAGAGTGTCCG
 CCCGAAATGTACGCGCTTATGAGTGACTGCTGGATATAAAGTGGGAGGATCGTCCCGATTCGTGGCTG
 TGGAAACAAGCAATGAGGACCTATTACTACAGCATGGCTAGCCGGGCAGAGGGACCCACAGTGTGAACA
 GGTGGCCGAGGCTGCATGTGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001012002

Insert Size: 1845 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_001012002.1](#), [NP_001012002.1](#)

RefSeq Size: 2277 bp

RefSeq ORF: 1845 bp

Locus ID: 301348

Cytogenetics: 9q21