

Product datasheet for **RN212402**

Shq1 (NM_001134713) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Shq1 (NM_001134713) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Shq1
Synonyms:	RGD1310610
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212402 representing NM_001134713
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCCG

ATGCTAACTCCTGCGTTCGAAGTACCCAGGACCGCGACTTCTTACCGTCGCCATCCGCGTGCCCAACG
CGCGCGCCTCCGAGTTCGACGTGTA CTTCGAGGGGGTGGACTTCAAGTTCTACGCCAAGCCGTA CTTTCT
GAGGTTAACACTTCTGGAAGGATTGTAGAAAATGGATCTGAGCAGGGATCCTATGATGCAGATAAAGGA
ATTTTTACCATTGATTGCCCAAGGAAACTCCTGGCCAGCATTTTGAGGGGCTGAACATGTTAACTGCGC
TTCTGGCACCAAGAAAAATCCAGGTCTGCCAAACCGCTTGTGGAAGAAAATAGGTGCTCCGGGGTTTCTG
GGAAGGAGCTGATGATGAGGATGAAGAGTTTGACTGGGAAATTGAGCAGACTCCCTATGAAGAGGTCTCA
GAAAGTACTCTGCGATCGCAGTGTCACTATGGATTTGGAACCTGCGAGCAGGTGTGGTTCAGCGGTTAC
AGGATGAAGTGAAGTGAAGTTATCGATATTAAGGATCCAGATTTCACTCCTGTGACTGAACGGAGGCAGAA
ACGCCTGGCCGCTGAATTGGCCAAATTTGATCCAGATCATTATCTAGCTGACTTCTTTGAAGATGAGGCA
GTTGAACAGGTTTTGAAGTACAGTCTTGGTGGAAACGATGTGCACACAGAAATGAGGCCTTTTGGAA
AGAGCCAAAGACAAAGGGATGCTGCTGCCTATGATATCTTTTCAAGAAGAGAAAAATACCACTGTCGAA
GTTTGTGAATAAATCTTACCTGCTGGACACAGACGCTCACCGTCAAGTGTA CTATAGTTTGTAGTTGACATC
CTTCTGGCCTATTGCTATGAAGTACGTGTGACTGAAGGAGAGCACAACGTGGAGTCTGCGTGGACCATCA
GGAAGCTGAGCCCTACACTCTGCTGGTTTGAGACATGGACAGACGTTTCATGAAATCCTGGTGTCTTTTGG
ACGGAGAGTTTTGTGCTATCCGCTCTATCGCCATTTCAAGCTGGTGTGTAAGGCCTACAGAGATACTCTA
AAGATACTGCAACTCGGTAAGAGTGCAGTTTTGAAGTGTCTCCTGGATGTTACAAAAATCTCCAGGAAA
ACGACCCAGCATATATTTTGAATGATCTCTACATCTCAGACTACTGTGTATGGATTGAGAAGGCCAAGTC
CAAAAAGTTGGCTGCCCTAACAGAAGCTTTGGAAGCAGTCTCACTCAGTAAGGCCAGCTGGGATTGAG
CTGCTAGAAGCTGGAAGCTGCTGCAATTCTTGCCAGGAGGAAGAAACTGCCGGAAGACAGCCAGTGCA
GTCCTACAGAGCAGGTTCCACACTCCAGCCCTGAGCCCAAGTGACTCAGACAGCACCTCATCATCTGACAC
AGAAGACTCAGCGTCAGTGCAAGAGGAGCTTGTGCGGACCCAGCCCTCCCTGCTCACTTCTCTGCAAGTC
CCCCTTTTGGAAGAGGACAGTGCCCTGACCATCAGAGATAGTGGGCTCTGCAGAAACATGGGCAGTCAGA
AATGTGAAGTTTCGTCAGGTCAGCCACTGGCCTCTCCCCGGGCTCCTCTGATAGAGGAGGTTGGAGATAG
TGGACTCTGCAGAAACATGGCCAGCCAGGATGTGAAGTCAGTCAAGAGCAGCACTGGCTCTCCCCGG
GCTCCTCTGATAGAGGAGGTTGGAGATGAAGTGAAGACCATGCTTTGGGTTTCCACACCCAGTGGTGTCAT
ATGCTGGGAGCCACAGGAGTGTACAGGATGCAAAGGAGAGGGATCAGGTGCCCTGTGATTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: AscI-MluI

ACCN: NM 001134713

Insert Size: 1812 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_001134713.1, NP_001128185.1

RefSeq Size: 2322 bp

RefSeq ORF: 1812 bp

Locus ID: 297483

Cytogenetics: 4q34