

Product datasheet for **SC216790**

SHOC2 (NM_007373) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SHOC2 (NM_007373) Human 3' UTR Clone
Symbol:	SHOC2
Synonyms:	NSLH1; SIAA0862; SOC2; SUR8
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_007373
Insert Size:	1877 bp



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Insert Sequence: >SC216790 3'UTR clone of NM_007373
The sequence shown below is from the reference sequence of NM_007373. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATGCAGGGTCCATATCGTGCCATGGTCTGATATAAATCTGCTGGTCCCACACACTGTTCAAAAATAGAC
TGCCATTAATGTTTCTTATCTATATCTGTATCTATTTATGTAGATATTGGTATATGGCAGATTTATAAA
AATTGCATTATGTGTTTCTGCTAATAGAGGAATCATAGCCATTTAGAATTTTTTTTAAATCTGTACAA
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TTGCTTAAACATTTGCCAACACATTATGAAGTTATTAATTTAAGGGACAGAGGTAGTATAGTTAGAT
ATACTTTCTCTTAGGAAAAATAATGGGCAAAAATTTTGTGCAACTTTTCATATATATTTCCCTTA
CCAATTGTTTATCCTTATAGTATTGTAGGCCCTGAAAGTAGAATTTTCTTAACTTATTTTGAGATT
TGAGATTTAAATTTTATGTATTGTTACAGTCAGAGTAAATCACTGGATTCTTTTGTGTTTGTGATT
TGCTCTGTTTTATTACAGTCAAACTAGAGTTTGAATCCTCTGCTAAAGAAATTTGCATCCACTGGTGTA
ACAGTGAAAGGTATTTGCTTGTGTAAGAAAAAACTGGCAAGTGAAAGATACAGTCAAAAATCTAGA
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AGGGTATTGAGACCTTTCTAGTATGAATTTTTTAAGTTTGGGGGAAGAGAACTTGCAGTGAAAAG
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TAAACACACAACTATATATGTATATACAATGCTATATAGATATGATTTATTATATCATAAACTAC
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GCACTTTTCCCCACATATGGGGCACTGGCTTCAACAATTCAGTTCAGTATCATTACTTTTAATCTCAT
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CTTAGCAGTATTGTTGGTCTAAGTCAATTTGATTATTGAGGAGTCTCAGAGCAAGGTGCGTTCTAGATG
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TTTTTTTTTTTTCCATTTAGTTGGGCGTTGTGTTTACACAAAACCATTTTTGAATTAAGGCTATGATA
TTAAGATAGAAATTTGGACTGTTGTTCTGCTTTTCTGGCACTCAAATTCATGACTAGTTTGTAGGTCA
AACCTATGTTTCGTAATGAGAGATTTTATAAGGATCAACTAAGAAATGGAAGGCAGGTGAAGATATAAAA
CCCTAGATGCTTAAATGTGCTGTAAAACATATTGTAGATGTCACTGGATTTTACCAAGTAATATCCTTT
CTTTTTTTTTTCCCCCATCTGCTGTGGCTTTTCAGTTAAATTTTGTATATAAAGGAATTTGTTTAT
TACAGCTCTACCTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_007373.4](#)

Summary: This gene encodes a protein that consists almost entirely of leucine-rich repeats, a domain implicated in protein-protein interactions. The protein may function as a scaffold linking RAS to downstream signal transducers in the RAS/ERK MAP kinase signaling cascade. Mutations in this gene have been associated with Noonan-like syndrome with loose anagen hair. [provided by RefSeq, May 2010]

Locus ID: 8036

MW: 71.7