

Product datasheet for **RG212537**

SHCBP1L (NM_030933) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SHCBP1L (NM_030933) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SHCBP1L
Synonyms:	C1orf14; GE36
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RG212537 representing NM_030933
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGTCCGACGACCCCGCGCTCTACCCGACGGCCCGCACCCCTAGCTCTGGCCGCGCCTCACATC
 CCTCCCAGAGCCGCAACACCCACCCGCGGACGCCCTCGAGCAGCCGCTCGTTGCGGGCCTGAACGCAG
 AGCGCCTATTGGCCAGAGCGGCCGAGGGCGGAAAAAGTGCCAACGGCTGCCTCGGCCCTCGGGCTGCTG
 AGGAGATGGCGTCGGGCTTCCAAGGCCTCGGTGCCCGCGACTCATTCCGCACCATCAGCCCGGACAGGC
 GAGGCGAGAAGTCCGCCTCCGCTGTCTCCGGGACACGGCGGCCGCGACCACTGAAGGACACCGCGAT
 CCCAGTGCCTGCGGTGGTGGCCTCCCTCGCCCGGTGAAGGGGAAAGCGGGCCGGGAGACGGCCAGGCTG
 CGGCTCCAGCGCTGCCCGCGGCTCAGGCCGAGGACACGGGAGAGGCGGGCGGGCGGGCGGAGGAGC
 CCCTGCTGCCAGTGCCTGAGGATGAAGAGGAGGCGCAGCCCTGCCCCAGTCTGCGTGTCCCGTATGAG
 GGGGATGTGGCGGACGAGAAGGTGTGCTGTATTGCGACGAAGTGTGACGAGTGTAAAGCAGAAGAT
 GCTGATGAAGTTATGGGTAATACCTATCAGAAAAATTAAGTTGAAAGACAAATGGCTTGAGTCTGGA
 AGACTAATCCAGTGTATTCTTTGTGAAATATGAAGAAGCTTCTATCCCTTTTGTGGTATATTGGTTGA
 GGTAACCTGTGAACCATACCAAGACTCATCATCTCGTCTCMAAGTTACTGTTTCTGTTGCTGAGCCCTT
 TCTTCCAACATTGCAATATTCWAGAGATTTGGTTGATGAGATTTTGGAGGAAGTGAACACAGTGTGC
 CTCTTTTGAAGTGTATCCTGTTGAGGGACAAGATACTGATATACATGTTATTGCTTTGGCCCTGGAAGT
 TGTCAGGTTTTTTATGACTTTCTTTGGAGAGACTGGGATGATGAAGAAAGTTGTGAGAATTATACTGCA
 CTTATTGAAGAAAGAATTAATTTGTGGTGTGATATACAGGATGGAACAATACCTGGTCTATCGCACAAC
 GTTTTAAAAAACTTTGGAGAAATATAAAACAAACGTGTCGAGCTCATTGAGTATCAGAGCAATATTAA
 AGAAGATCCATCTGCAGCAGAGGCTGTTGAATGCTGGAAGAAATACTATGAGATAGTCATGCTCTGTGGA
 TTAAGTGAAGTGTGGGAAGATTTACGCCTCCGAGTTCATGGACCTTTCTTCCAAGAATTCTGAGCGTA
 GGAAAGGAAAAAGAGAATTTGGAAGACTATAACACATATTGTAGCAAAATGATGACTACTGAAATGAT
 AAAGGATTTATCTTCAGACACACTTCTCCAACAGCATGGTGAATTTGGATTTGGCTTTGGATAATTGTTAT
 AGTGGAGATACAGTAATAATTTTCCAGGAGAATATCAAGCTGCAAACTTGTCTTTGTTGACAGATGACA
 TCATTATAAAGGGAGTTGGAAGAGAGAGGAAATTATGATTACTTCTGAACCTTCTCGTGACAGTTTTGT
 GGTGTCCAAGCTGACAATGTGAACTAATGCATCTATCTTTGATACAACAAGGGACGGTTGATGGTATC
 GTGGTGGTGGAGTCTGGTCACATGACTCTAGAAAAGTGCATATTAATGTGAAGGAACAGGAGTGTGTG
 TTCTTACAGGGGCTGCTTTGACAATTACAGACAGTGAAATAACTGGCGCCAGGGTGCTGGTGTGAACT
 GTATCCTGGAAGCATAGCTATTTTGAAAGAAATGAAATTCATCACTGTAATAACCTCAGAACAGTAAC
 AGTTCAAAAAGCACCTTAGGTGGAGTTAATATGAAGGTTCTTCCAGCACCCAAATGAAGATGACTAATA
 ATCATATTTATAGCAACAAAGGCTATGGAGTAAGCATTCTCAACCAATGGAACAGTTTTTTATCGTAGC
 AGAAGAAGCTCTCAACAAAGGGCTTCTCAGGAGATAAAAAAGATGATAAATGCTCTTCAAAGTAATG
 CAAAATCTGAATCTGGAATGAATAATAAGATAGAAGCAACGTCAAGGGGGATATCAGAATAGTCA
 CAAGT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

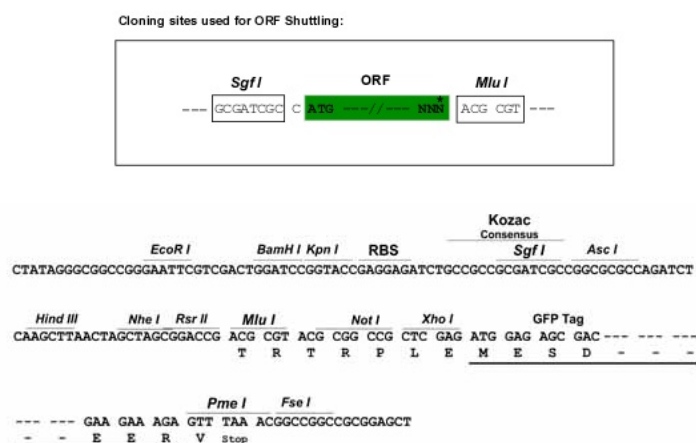
Protein Sequence: >RG212537 representing NM_030933
 Red=Cloning site Green=Tags(s)

MRPQDPALYPQAPHPLALGRASHPSQSRNTPPAGRPRAAARCGPERRAPIGQSGRGREKWPTAASALGLL
RRWRRASKASVPADSFRTISPDRRGEKSASAVSGDTAAATTLKGTAIPVRSVVASPRPVKGKAGRETARL
RLQRLPAAQAEDTGEAAAAAAEELPLVPEDEEEAQPLPPVCVSRMRGMWRDEKVSLEYCDEVLDCKAED
ADEVMGKYLSEKLKLDKWLGVWKTNPVSFFVKYEEASIPFVGILVEVTCPEYQDSSRLXVTVSVAEPF
SSNIANIXRDLVDEILEELEHSVPLLEVYPVEGQDTHIVHIALALEVVRFFYDFLWRDWDDEESCENYTA
LIEERINLWCDIQDGTIPGPQIAQRFKKTLKYEYKNKRVELIEYQSNIKEDPSAAEAECWKYYEIVMLCG
LLKMWEDLRLRVHGPFFPRILRRRKGKREFGKTIITHIVAKMMTTEMIKDLSSTLLQQHGDLDLALDNCY
SGDTVIIFPGEYQAANLALTTDDIIKGVGKREEIMITSEPSRDSFVVSADNVKLMHLSLIQQGTVDGI
VVVESGHMTLNCILKCEGTGCVCVLTGAALTITDSEITGAQGAGVELYPGSIAILERNEIHHCNNLRTSN
SSKSTLGGVNMKVLPAPKLKMTNNHIIYSNKGYGVSILQPMEQFFIVAEALNKRASSGDKDKDKMLFKVM
QNLNLEMNNNKTEANYGKDIRITNS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM 030933

ORF Size: 2175 bp

OTI Disclaimer: 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_030933.1](#), [NP_112195.1](#)

RefSeq Size: 2363 bp

RefSeq ORF: 1962 bp

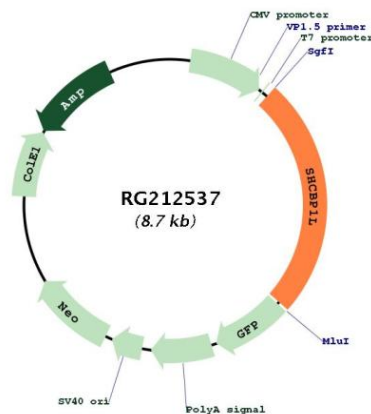
Locus ID: 81626

UniProt ID: [Q9BZQ2](#)

Cytogenetics: 1q25.3

Gene Summary: This gene encodes a Src homology 2 domain-binding protein 1-like protein. The encoded protein interacts with heat shock 70 kDa protein 2 and may be involved in maintaining spindle integrity during meiosis. This gene is located in region of chromosome 1 encompassing a prostate cancer susceptibility locus. [provided by RefSeq, Sep 2016]

Product images:



Circular map for RG212537