

Product datasheet for **SC112034**

SHCBP1 (NM_024745) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SHCBP1 (NM_024745) Human Untagged Clone
Tag:	Tag Free
Symbol:	SHCBP1
Synonyms:	PAL
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >NCBI ORF sequence for NM_024745, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGACGGGTCGCTGACGGGCGCGGTCTGGAGGCAGCGGCCATGGCGCCGAGCGCACGGGCTGGG
CGGTGGAGCAGGAGCTGGCGTCTCTGGAGAAAGTTTGTTC AAGATGAAGATTCATGCAGTGATTGTAG
CTACCGTGATAAAC CAGGTTCTAGTTTACAAAGTTTTATGCCAGAAGGAAAAACCTTTTTCCAGAAATT
TTCAAACAAATCAACTTTTGTCTATGAGCGATTCAGAGCCTATCAAGATTACATTTTAGCTGACTGCA
AGGCTCTGAGGTACAGGAATTCACAGCTGAGTTCCTGGAGAAGGTCCTTGAGCCATCTGGATGGCGGGC
AGTCTGGCACACTAATGTGTTCAAGGTGCTGGTTGAGATCACAGATGTGGACTTTGCAGCCTTGAAGGCA
GTGGTGAGGCTTGTGAACCACCTCTGTGACTCTCAAGTGAGCACTTTACCATGGAGTGCATGAAGG
AGCTCCTTGATCTGAAGGAGCATCGGTTGCCCTGCAGGAGCTGTGGGTGGTGTGTTGATGATTCAGGAGT
GTTTGACCAGACAGCCCTTGAATTGAGCATGCAGATTTTTCTACCAAAACATTTGGAGGAGTTGGGAT
GAAGAAGAGGAGGATGAATACGATTATTTGT CAGATGTGTTGAACTCGATTAAGATTGCATTATGACA
TTCTTGAAGACCGAGTTCCATCAGGACTTATTGTTGACTACCACAATCTGTTGTCTCAATGTGAGGAGAG
TTACAGGAAATTTTTAAATCTGAGAAGCAGTTTGTCAAATGTA AACTCTGATTCAGGAGGAAAAATATC
TCCATGGTGAAGGGTTAAAATTGTATTCGGAGATGGAACAGTTGAAACAAAAGCTGAAACTCATTGAGA
ATCCTTTGTTGAGGTATGTGTTGGTTATCAGAAGAA TTAACATCCAAGCAAAGGGTGTCCGTTCCAG
CGGTCAGAAGATCACTCATGTGGTCTCCTCCACCATGATGGCTGGTCTCCTGCGGTCCCTGCTTACGGAC
AGGCTTTGCCAGGAGCCTGGTGAGGAAGAAAGAGAAATTCAGTTCATAGTGATCCATTGTCTGTCTATAA
ATGCCTGCTTCGAAGGTGACACTGTTATTGTTGCTTGCCATTATGTGGTACATGGCACTTTCTCCAT
TGCTGACTCCATTGAGTTGGAAGGATATGGCCTACCAGATGACATTGTGATAGAAAAGAGGGGCAAAGGC
GACACTTTTGTGGACTGCCTGGTCTGATATTA AATCTCAGGCATAAAATTTGTTGAGCATGTCTG
TAGAGGGAATTTAATTGTTACCGTGGTAAGACTACGCTGGA AACTGTGTGCTGCAGTGTGAGACGAC
CGGAGTCACAGTGCGGACATCAGCAGAGTTTCTAATGAAGAACTCGGATTTATATGGCGCAAGGGTGT
GGTATAGAAATCTACCCTGGGAGTCAGTGACCCCTGAGTGACAATGGGATCCATCACTGCAAGGAAGGGA
TCCTCATTAAGGACTTCTTAGATGAACATTATGACATTCCAAGATATCCATGGTGAATAATATAATACA
TAATAATGAAGGTTATGGTGTGCTTTGGTGAAACCTACAATCTTCTCTGACCTGCAAGAAAATGCTGAA
GATGGAAGTGAAGAAAATAAAGCGCTTAAAATTCAGACAAGTGGAGAGCCAGATGTGGCTGAAAGAGTGG
ATCTAGAAGAGCTGATTGAGTGTGCAACTGGTAAAATGGAGCTTTGTGCAAGAACTGACCCTTCTGAGCA
AGTCGAGGAAAATGTGAAATGTAATGA AACTAATTGCTGCCTCCACACAGAAAGGCCAGATAAAGAAG
AAAAGGTTGAGTGA AACTGGGATCAGCAAGCTGATGACA AACTAATGTACAGGAGATGTTTGTGGGA
TTGTGGGAACCAGTTCAAGTGAATGGAAAGGTAGTTTGGCACATTTCTTTTCTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024745 unedited
NGGTGCGAATATTTGTATACGACTCACTATAGGCGCCGCGNATTCGGCACGAGGGGNAG
AG
AG
GATGGCGGGCAGTCTGGCACACTAATGTGTTCAAGGTGCTGGTTGAGATTTTTCTACCAA
AACATTTGGAGGAGTTGGGATGAAGAAGAGGAGGATGAATACGATTATTTTGT CAGATGT
GTTGAACTCGATTAAGATTGCATTATGACATTCTGAAGACCGAGTTCCATCAGGACTT
ATTGTTGACTACCACAATCTGTTGTCTCAATGTGAGGAGAGTTACAGGAAATTTTTAAAT
CTGAGAAGCAGTTTGTCAAATTGTA AACTCTGATTCAGGAGGAAAATATCTCCATGGTG
GAAGGGTTAAAATTTGATTCTGGAGATGGAACAGTTGAAACAAAAGCTGAAACTCATTGAG
AATCCTTTGTTGAGGTATGTGTTGGTTATCAGAAGAATTCTAACATCCAAGCAAAGGGT
GTCCGTTCCAGCGGTGAGAAGATCACTCATGTGGTCTCCTCCACCATGATGGCTGGTCTC
CTGCGGTCCCTGCTTACGGACAGGCTTTGCCAGGAGCCTGGTGAGGAAGANAGANAT
CAGTTCATAGTGATCCATTGTCTGCTATAAATGCCTGCTNTCGAAGTGACACTGTATT
GTTTGTCTGGCCATTATGTGGTACATGGCACTTTCTCCATTGCTGACTCCATTGAGTTG
GAAGGATATGGCTACCANATGACATTGTGATAGAAAAGAGGGCAAAGGCGACACTTTT
GTGGACTGCAGTGTGCTGATATTAATCTCG

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_024745 unedited CCGCGGCCGCAATCTAGAGTCGAGNNNTTT TAATCCACCCTATAATTTTAAATCATTAGGCATATTAATGGCACATACAGTTTTTAAAA TATAAATATTTTTAAAGCTGTTTTACAATATGATAACAAAAACCCAGCAAATACAGGT TGTACAGTTAATCATTTTGACTGGGTCAGTAATATAATCAAAACTGTAAACGGTAAAAA AAAAATACTTTTTTTTTTTTTTGAAGTGGGCTCGCTTTGTCGCCAAGCTGGAATGCA GGGGCGCAATCACACCTCACTGGAGCTAAACCTCCTGGGCTAAAGGATCCTTTAGCCTC AGCCTCCTGAGTAGCTGGAACACTACATGCATGCACCACCACACTCAGTAATTTTTTTTAA ATTTATTTTAGTAAAGACAGGGTCTCACTATGTTGCCTAGGCTAGTCTTGAACCTCTGG GCTCAAGTGATCCTCCTGCCTCAGCCTCCCAAAGTGCTGCGATTACAAGCGTGAGCCACC GCCTGGCCGAAAAAACCTTGGTTTTATCATTCCATTAGCAATAGGGAAAAATGCTTAT GTACAACATTGGCTCTGAATACACATTTCTTTCTGCTAAAACCTCCTATGCTGNCTAT CGCTGTTTTGACGACTGCATACCTAACAGAAAAATGCGCCATTGACGTTTTCAATAATA AGCTGATTAAGCAAATAAATCCAAATCTTAAAGCTTTTTTTTTAGACAAGTTTTTGCAA TCCGGAGGGAATCAAACCTTTGTATTGGGAGAAAAGACTTTAGAAAAAGCTGAACTTA GAACCTTTGCTTTTTAGGCCTAANTTGGATTCTTCTATTCCGGGTTTGAAGGCTAAGG TATTCCTCAAATTCGCCGCTTAATTGAAAAACCTGTTTAAAAAAGATTTAATAACAA TTCCAATTTTTT
Restriction Sites:	NotI-NotI
ACCN:	NM_024745
Insert Size:	2710 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).
RefSeq:	NM_024745.1 , NP_079021.1
RefSeq Size:	3249 bp
RefSeq ORF:	3249 bp
Locus ID:	79801
UniProt ID:	Q8NEM2 , A0A024R6R1
Domains:	PbH1
Gene Summary:	May play a role in signaling pathways governing cellular proliferation, cell growth and differentiation. May be a component of a novel signaling pathway downstream of Shc. Acts as a positive regulator of FGF signaling in neural progenitor cells.[UniProtKB/Swiss-Prot Function]