

## Product datasheet for **SC318140**

### 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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



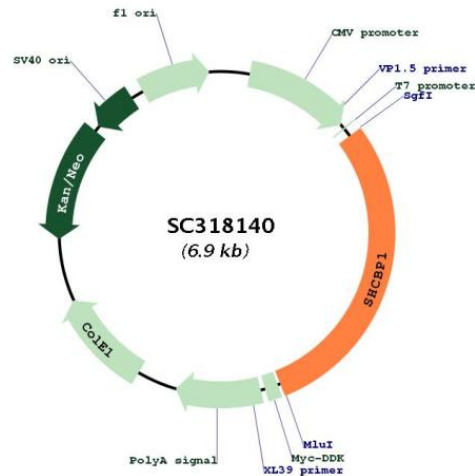
[View online »](#)

Fully Sequenced ORF: >SC318140 representing NM\_024745.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTGACGGGTTCGCTGACGGGCGCGGTCTGGAGGCAGCGCCATGGCGCCGAGCGCACGGGCTGG
GCGGTGGAGCAGGAGCTGGCGTCTCTGGAGAAAGTTTGTTCGAAGATGAAGATTCATGCAGTGATTGT
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GGCACATTTCTTTCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: SgfI-MluI

## Plasmid Map:



ACCN: NM\_024745

Insert Size: 2019 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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\\_024745.4](#)

RefSeq Size: 3249 bp

RefSeq ORF: 2019 bp

Locus ID: 79801

UniProt ID: [Q8NEM2](#)

Cytogenetics: 16q11.2

<b>Domains:</b>	PbH1
<b>MW:</b>	75.7 kDa
<b>Gene Summary:</b>	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]