

Product datasheet for **SC324489**

PHACS (ACCS) (NM_032592) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHACS (ACCS) (NM_032592) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHACS
Synonyms:	ACS; PHACS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_032592.1
 CCGAGTGCACGACCCGCTCCTCCAGCTCCGCCAAGTAGGTGGGATCCACTACTTTGCAG
 AGGAGGAAGCCGTTTACGGCCTCCCTCTGTGCACCTTTGCAAAGCCTCTGCCCTTCCATCT
 CGAATCCCTTTGGCGCCGATCACACTTCTCTGCCTGGAACCTGGAGCCGTCTCTCGCGA
 GACGTCTCCGCCCTGTAGAAGGCCGTTTCGGTCTTCGTGCGCGGTAGCCGCCCCACTT
 GCGGGATTCCAAGGCCTCATCGAGTGCGGGTATCTGGCTGTGGATTGCGCCGCGTCTGC
 TGGACGCTGGAGGCTCGAACCCCGCCGCCCTACCCAGGCTTACTCCCACCCCGG
 CTTCGCCCACTGTGCTGCCCTTCTCGGACCTGGGCTGTCGGGAGAGCTGGAGATGTTT
 ACCCTTCTCAAAGGACTTCAGGGCTCCACCACTGTCTGGGCCCCACCTGCATGCAG
 GACCTGGGAGTAGCCATGGGAAGATCTGGAAGGAGAATGCTCCAGAAAAGTGGACCAG
 AAGCTGCCAGAGCTCCGTGGAGTGGGTGATCCTGCCATGATCTCCTCTGATACCTCCTAC
 CTGTCTCTAGAGGAAGAATGATTAAATGGTCTGGGATTCAGCTGAGGAGGGCTACAGG
 ACCTACCACATGGATGAGTATGATGAGGACAAGAACCCAGTGGCATCATTAACTGGGC
 ACCAGTGAGAACAACTCTGCTTTGACCTGCTGTCTGGCGGCTGAGTCAGCGCGACATG
 CAGAGGGTGGAGCCATCCCTGCTGCAGTATGCTGACTGGAGGGGACATCTGTTCTCCGG
 GAGGAAGTGGCCAAGTCTGTCTTTCTACTGCAAGAGCCAGTACCCCTCAGACCAGAG
 AATGTGGTTGTCCTGAATGGTGGTGCCTCGCTTCTCTGCTCTGGCCACGGTGTGTGT
 GAGGCCGGGAGGCTTTCCTGATCCCCACCCCTTACTATGGCGCTATCACACAGCACGTG
 TGTCTCTATGGCAACATCCGGCTGGCCTATGTCTACCTGGACAGTGGGTCACTGGGCTA
 GACACAGCCCCCTTCCAGCTCACAGTGGAGAAGCTGGAGATGGCCCTGAGAGAAGCTCAC
 TCTGAGGGTGTGAAGGTCAAAGGCCATCCTCATCAGCCCCAGAACCCTCTGGGTGAT
 GTATACTCCCCTGAAGAGCTACAGGAGTACCTGGTATTTGCCAAGAGGCACAGGCTGCAT
 GTGATTGTGGATGAGGTCTACATGTTGTCCGTGTTTGAAGAAGTCTGTTGGGTACCCGAGT
 GTCTAAGCCTGGAAAGGCTCCCTGACCCCAAGAGGACCCATGTGATGTGGCAACCAGC
 AAGGACTTCGGGATGTCTGGGCTCCGCTTTGGCACGCTGTACACAGAAAACAGGATGTG
 GCCACTGCCGTGGCTTCCCTCTGCCGCTACCACGGCCTCAGTGGCTTGGTCCAGTACCAG
 ATGGCACAGTGTCCGGGACCGTACTGGATCAACCAGGTGTACCTGCCGAAAACCAT
 GCCCGGCTCAAGGCTGCCACACCTATGTCTCAGAAGAGCTTAGGGCATTGGGGATCCCC
 TTCTTGAGTCGTGGGCTGGCTTCTTCATCTGGGTTGACTTGAGAAAGTACCTGTCTAAG
 GGCACCTTTGAGGAGGAAATGCTGCTCTGGCGCCGCTTTTGGACAACAAGGTGTGCTG
 TCCTTTGGCAAGGCCTTCGAGTGTAAAGAGCCTGGTTGGTTTCGCTTTGTCTTCTCAGAC
 CAGGTCCACCCGGCTTTCCTGGGATGCAGAGGTCAGCAGGTGCTTGCAGGCAAAATCC
 CAAGTGGCAGAAGACCCCGTCCCTCTCAGAGCCAGGAGCAAGTGACCAACGCAGGTGA
 GCTGGTCAATTGTCTCGTGGCCAGAGGGCCAGCAGCCACTGTGGACCTGGGGCGTTCTGG
 GGCTGCAGAAGACTGACTGTGGATGTGCCATTTGCCAGGAAGGTATCTAACTTGGCTTTG
 TGCCTGAAGAAGTGTCTTCTTGTCTTTGCTGTAGCAGTGGGAAACTCCTTAAGCTGTGGT
 TCAGCCTGGGCCCTCCCTCTCCTATTAACAAAAACTAGGAGAGTCAAAAAAAAAAAAAA
 AAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_032592

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:	<ol style="list-style-type: none">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:	<u>NM_032592.1</u> , <u>NP_115981.1</u>
RefSeq Size:	2167 bp
RefSeq ORF:	1506 bp
Locus ID:	84680
UniProt ID:	<u>Q96QU6</u>
Cytogenetics:	11p11.2
Domains:	aminotran_1_2
Gene Summary:	Does not catalyze the synthesis of 1-aminocyclopropane-1-carboxylate but is capable of catalyzing the deamination of L-vinylglycine.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.