

Product datasheet for **SC104670**

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:	ACCS
Synonyms:	ACS; PHACS
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032592, the custom clone sequence may differ by one or more nucleotides

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ATGTTCCACCTTCCTCAAAGGACTTCAGGGCTCCCACCACCTGTCTGGGCCCCACCTGCATGCAGGACC
TGGGCAGTAGCCATGGGAAGATCTGGAAGGAGAATGCTCCAGAAAAGTGGACCAGAAGCTGCCAGAGCT
CCGTGGAGTGGGTGATCCTGCCATGATCTCTGATACCTCCTACCTGTCTCTAGAGGAAGAATGATT
AAATGGTCTGGGATTCAGCTGAGGAGGGCTACAGGACCTACCACATGGATGAGTATGATGAGGACAAGA
ACCCAGTGGCATCATTAACTTGGGCACCAGTGAGAACAAGTCTGCTTTGACCTGCTGTCTGGCGGT
GAGTCAGCGCGACATGCAGAGGGTGGAGCCATCCCTGCTGCAGTATGCTGACTGGAGGGGACATCTGTT
CTCCGGGAGGAAGTGGCCAAGTTCCTGTCTTTCTACTGCAAGAGCCCAGTACCCCTCAGACCAGAGAATG
TGGTTGCTCCTGAATGGTGGTGCCTCGCTCTTCTGCTCTGGCCACGGTGTGTGTGAGGCCGGGGAGGC
TTTCCTGATCCCCACCCCTTACTATGGCGCTATCACACAGCACGTGTGTCTCTATGGCAACATCCGGCTG
GCCTATGTCTACCTGGACAGTGAGGTCACTGGGCTAGACACACGCCCTTCCAGCTCACAGTGGAGAAGC
TGGAGATGGCCCTGAGAGAAGCTCACTCTGAGGGTGTGAAGGTCAAAGGCCTCATCTCATCAGCCCCCA
GAACCTCTGGGTGATGTATACTCCCCTGAAGAGCTACAGGAGTACCTGGTATTTGCCAAGAGGCACAGG
CTGCATGTGATTGTGGATGAGGTCTACATGCTGTCCGTGTTGAGAAGTCTGTTGGTACCGCAGTGTCC
TAAGCCTGGAAAAGCTCCCTGACCCCGAGAGCCCATGTGATGTGGCAACCAGCAAGGACTTCGGGAT
GTCTGGGCTCCGCTTTGGCACGCTGTACACAGAAAACCAGGATGTGGCCACTGCCGTGGCTTCCCTCTGC
CGCTACCACGGCCTCAGTGGCTTGGTCCAGTACCAGATGGCACAGCTGCTCCGGGACCGTACTGGATCA
ACCAGGTGATACCTGCCGAAAACCATGCCCGGCTCAAGGCTGCCACACCTATGTCTCAGAAGAGCTTAG
GGCATTGGGGATCCCCTTCTTGAGTCGTGGGGTGGCTTCTTTCATCTGGGTTGACTTGAGAAAAGTACCTG
CCCAAGGGCACCTTTGAGGAGGAAATGCTGCTCTGGCGCCGCTTTTGGACAACAAGGTGCTGCTGTCT
TTGGCAAGGCCTTCGAGTGTAAAGAGCCTGGTTGGTTTCGCTTTGCTTCTCAGACCAGGTCCACCGGCT
TTGCTGGGGATGCAGAGGGTCCAGCAGGTGCTTGCAGGCAAATCCCAAGTGGCAGAAGACCCCCGTCCC
TCTCAGAGCCAGGAGCAAGTGACCAACGCAGGTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_032592 unedited NGGTCAACATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGTTCTTCG TGCGCGGTAGCCGCCCACTTGCGGGATTCCAAGGCCTCATCGAGTGCGGGTATCTGGCT GTGGATTGCGCCCGTCTGCTGGACGCCTGGAGGCTCGAACCCCGCCGCCCTACCC CAGGCTTACTCCCACCCCGCTCCGCCACTGTGCTGCCCTTCTCGGACCTGGGCTG TCGGGAGAGCTGGAGATGATCCTCTAATACCTCCTACCTGTCTCTAGAGGAAGATG ATTAAATGGTTCTGGATTGAGTGCAGTGCAGGAGGGCTACAGGACCTACCACATGGATGAGTAT GATGAGGACAAGAACCCAGTGGCATCATTAACTTGGGCACCAAGTGAACAACAACTCTGC TTTGACCTGCTGCTGGCGGCTGAGTCAGCGCGACATGCAGAGGGTGGAGCCATCCCTG CTGCAGTATGCTGACTGGAGGGGACATCTGTTCCCTCCGGGAGGAAGTGGCCAAGTTCCTG TCTTTCTACTGCAAGAGCCAGTACCCCTCAGACCAGAGAATGTGGTTGCTGAATGGT GGTGCCTCGCTTCTCTGCTCTGGCCACGGTGTGTGAGGGCCGGGAGGCTTTCCTG ATCCCCACCCCTTACTATGGCGTATCACACAGCACGTGTGTCTATGGCAACATCCCG GCTGGCCTATGTCTACCTGGACAGTGAAGTAAGAAGTCTTGACTTCTAGTGAAACCTG GCCTGCCTGTGGTCAAGAAGTTCCTGAGTCTGAATTTGAGGGGGTTCATGCTGNAGCTCT GGGTTGTGAGAGTAGGGATGGAGCCTCTGTGCTGCTGCCTGGCTGGGTTCCAGGG CTCAAAAGTCN
Restriction Sites:	NotI-NotI
ACCN:	NM_032592
Insert Size:	4600 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).
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:	NM_032592.1 , NP_115981.1
RefSeq Size:	2167 bp
RefSeq ORF:	1506 bp
Locus ID:	84680
UniProt ID:	Q96QU6
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.