

## Product datasheet for **TP325861**

### PHACS (ACCS) (NM\_001127219) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human 1-aminocyclopropane-1-carboxylate synthase homolog (Arabidopsis)(non-functional) (ACCS), transcript variant 1, 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC225861 representing NM\_001127219  
**Red**=Cloning site **Green**=Tags(s)

MFTLPQKDFRAPTTCLGPTCMQDLGSSHGEDLEGECSRKLDQKLPELRGVGDPAMISSDTSYLSSRGRMI  
KWFWDSEAEgyRtYHMDEYDEDKNPSGIINLGTSENKLCFDLLSWRLSQRDMQRVEPSLLQYADWRGHLF  
LREEVAKFLSFYCKSPVPLRPENVVVLNNGGASLFSALATVLC EAGEAFLIPTPYGAIQHVCLYGNIRL  
AYVYLDSEVTGLDTRPFQLTVEKLEMALREAHSEGVKVKGLILISPQNPLGDVYSPEELQEYLVFAKRHR  
LHVIVDEVYMLSVFEKSVGYRSVLSLERLPDPQRTHVMWATSKDFGMSGLRFGTLYTENQDVATAVASLC  
RYHGLSGLVQYQMAQLLRDRDWINQVYLPENHARLKAHTYVSEELRALGIPFLSRGAGFFIWDLRKYL  
PKGTFFEEMLLWRRFLDNKVLLSFGKA FECKEPGWFRFVSDQVHRLCLGMQRVQQVLGAKSQAEDPRP  
SQSQEPSDQRR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 57.1 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

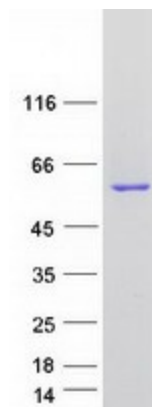
**Storage:** Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001120691</a>
Locus ID:	84680
UniProt ID:	<a href="#">Q96QU6</a>
Cytogenetics:	11p11.2
RefSeq ORF:	1503
Synonyms:	ACS; PHACS
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]

### Product images:



Coomassie blue staining of purified ACCS protein (Cat# TP325861). The protein was produced from HEK293T cells transfected with ACCS cDNA clone (Cat# [RC225861]) using MegaTran 2.0 (Cat# [TT210002]).