

Product datasheet for PH325861

PHACS (ACCS) (NM_001127219) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ACCS MS Standard C13 and N15-labeled recombinant protein (NP_001120691)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC225861
Predicted MW:	57.1 kDa
Protein Sequence:	>RC225861 representing NM_001127219 Red=Cloning site Green=Tags(s)

MFTLPQKDFRAPTTCLGPTCMQDLGSSHGEDLEGECSRKLDQKLPGLRGVGPAMISSDTSYLSRGRMI
KWFWDSAEEGYRTYHMDEYDEKPNPSGIINLGTSENKLCFDLLSWRLSQRDMQRVPSLLQYADWRGHLF
LREEVAKFLSFYCKSPVPLRPENVVVLNNGASLFSALATVLCAGEAFLIPTPYGAIQHVCLYGNIRL
AYVYLDSEVTGLDTRPFQLTVEKLEMALREAHSEGKVKGLILISPQNPLGDVYSPEELQEYLVFAKRHR
LHVIVDEVYMLSVFEKSVGYRSVLSLERLPDPQRTHVMWATSKDFGMSGLRFGTLYTENQDVAVASLC
RYHGLSGLVQYQMAQLLRDRDWINQVYLPENHARLKAHTYVSEELRALGIPFLSRGAGFFIWDLRKYL
PKGTFEEEMLLWRRFLDNKVLLSFGKAFECKEPGWRFRVFSQDVHRLCLGMQRVQVLAGKSQVAEDPRP
SQSQEPSDQRR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

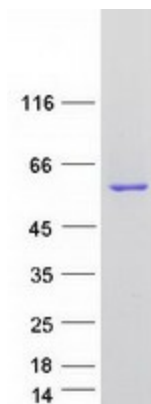
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001120691
RefSeq ORF:	1503
Synonyms:	ACS; PHACS



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Locus ID:	84680
UniProt ID:	Q96QU6 , A0A0S2Z622
Cytogenetics:	11p11.2
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]).