

## Product datasheet for PH303364

### ACSS3 (NM\_024560) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ACSS3 MS Standard C13 and N15-labeled recombinant protein (NP_078836)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203364
Predicted MW:	74.8 kDa
Protein Sequence:	>RC203364 protein sequence Red=Cloning site Green=Tags(s)

MKPSWLQCRKVTSAAGLGGPLPGSSPARGAGAALRALVVPGRGGLGGRGCRALSSGSGSEYKTHFAASV  
TDPERFWGKAAEQISWYKPWTKLTENKHSPTWRFVEGMLNICYNAVDRHIENGGDKIAIYDSPVTNT  
KATFTYKEVLEQVSKLAGVLVKHGIIKKGDTVVIYMPMIPQAMYTMLACARIGAIHSLIFGGFASKELSSR  
IDHVKPKVVVTASFGEIPGRRVEYVPLVEEALKIGQHKPKIL IYNRPNMEAVPLAPGRDLWDDEEMAKA  
QSHDCVPVLSEHPLYILYTSGTTGLPKGVIRPTGGYAVMLHWSMSSIYGLQPGEVWVAASDLGWVVGHSY  
ICYGPLLHGNTTVLYEGKPVGTPDAGAYFRVLAEHGVAALFTAPT AIRAIRQQDPGAALGKQYSLTRFKT  
LFVAGERCDVETLEWSKNVFRVPVLDHWWQTETGSPITASCVGLGNSKTPPPGQAGKSVPGYNVMILDDN  
MQKLKARCLGNI VVKLPLPPGAFSGLWKNQEAFKHL YFEKFPGYDTMDAGYMDEEGL YVMSRVDVIN  
VAGHRISAGAI EESILSHGTVADCAVVGKEDPLKGHVPLALCVLRK DINATEEQVLEEIVKHVRQNI GPV  
AAFRAVAVFKQLPKTRSGKIPRSALSAIVNGPKYKITSTIEDPSIFGHVEEMLKQA

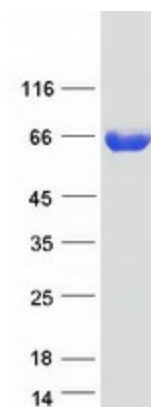
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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:	<a href="#">NP_078836</a>
RefSeq Size:	3033



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RefSeq ORF:	2058
Locus ID:	79611
UniProt ID:	<a href="#">Q9H6R3</a>
Cytogenetics:	12q21.31
Summary:	Activates acetate so that it can be used for lipid synthesis or for energy generation. [UniProtKB/Swiss-Prot Function]
Protein Pathways:	Metabolic pathways, Propanoate metabolism

**Product images:**

Coomassie blue staining of purified ACSS3 protein (Cat# [TP303364]). The protein was produced from HEK293T cells transfected with ACSS3 cDNA clone (Cat# [RC203364]) using MegaTran 2.0 (Cat# [TT210002]).