

Product datasheet for PH325976

ACSM2B (NM_001105069) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ACSM2B MS Standard C13 and N15-labeled recombinant protein (NP_001098539)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC225976
Predicted MW:	64.1 kDa
Protein Sequence:	>RC225976 representing NM_001105069 Red =Cloning site Green =Tags(s)

MHWLRKVQGLCTLWGTQMSSRTLYINSRQLVSLQWGHQEVPAKFNFASDVLHWADMEKAGKRLPSPALW
 WVNGKGKELMWNFRELSSENSQQAANILSGACGLQRGDRVAVMLPRVPEWWLVILGCIRAGLIFMPGTIQM
 KSTDILYRLQMSKAKAIVAGDEVIQEVDTVASECPSLRKLLVSEKSCDGLNFKKLLNEASTTHHCVET
 GSQEASAIYFTSGTSGLPKMAEHSYSSLGLKAKMDAGWTGLQASDIMWTISDTGWILNILGSLLESWTLG
 ACTFVHLLPKFDPLVILKTLSSYPIKSMMGAPIVYRMLLQQDLSSYKFPHLQNCLAGGESLLPETLENWR
 AQTGLDIREFYGTETGLTCMVSKTMKIKPGYMGTAASCYDVQVIDDKGNVLPPTGEGDIGIRVKPIRPI
 GIFSGYVENPDKTAANIRGDFWLLGDRGIKDEGDFYQFMGRADDIINSSGYRIGPSEVENALMKHPAVVE
 TAVISSPDPVRGEVVKAFVILASQFLSHDPEQLTKELQQHVKSVTAPYKYPRKIEFVLNLPKTVTGKIQR
 TKLRDKEWKMSGKARAQ

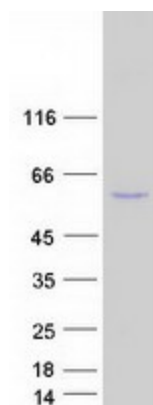
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_001098539
RefSeq ORF:	1731
Synonyms:	ACSM2; HXMA; HYST1046


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Locus ID:	348158
UniProt ID:	Q68CK6
Cytogenetics:	16p12.3
Summary:	Has medium-chain fatty acid:CoA ligase activity with broad substrate specificity (in vitro). Acts on acids from C(4) to C(11) and on the corresponding 3-hydroxy- and 2,3- or 3,4-unsaturated acids (in vitro).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified ACSM2B protein (Cat# [TP325976]). The protein was produced from HEK293T cells transfected with ACSM2B cDNA clone (Cat# [RC225976]) using MegaTran 2.0 (Cat# [TT210002]).