

Product datasheet for PH304258

SYAP1 (NM_032796) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SYAP1 MS Standard C13 and N15-labeled recombinant protein (NP_116185)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204258
Predicted MW:	39.9 kDa
Protein Sequence:	>RC204258 protein sequence Red=Cloning site Green=Tags(s)

MFRGLSSWLGLQQPVAGGGQPNGDALPEQPSETVAESAEELQQAGDQELLHQAKDFGNLNFASAATK
KITESVAETAQTIKKSVEEGKIDGIIDKTIIGDFQKEQKKFVEEQHTKKSEAAVPPWVDNDEETIQQI
LALSADKRNFLRDPAGVQFNDFDQMYVALVMLQEDELLSKMRFALVPKLVKEEVFWRNYFYRVSLIK
QSAQLTALAAQQQAAGKEEKSGREQDLPLAEAVRPKTPPVVIKSQLKTQEDEEESTSPGVSEFVSDAF
DACNLNQEDLRKEMQLVLDKKQEETAVLEEDSADWEKELQQELQEYEVVTESEKRDENWDKEIEKMLQE
EN

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:	<u>NP_116185</u>
RefSeq Size:	3533
RefSeq ORF:	1056
Synonyms:	BSTA; PRO3113
Locus ID:	94056



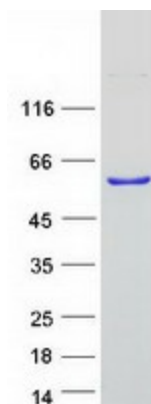
[View online »](#)

UniProt ID: [Q96A49](#)

Cytogenetics: Xp22.2

Summary: Plays a role in adipocyte differentiation by promoting mTORC2-mediated phosphorylation of AKT1 at 'Ser-473' after growth factor stimulation (PubMed:23300339).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified SYAP1 protein (Cat# [TP304258]). The protein was produced from HEK293T cells transfected with SYAP1 cDNA clone (Cat# [RC204258]) using MegaTran 2.0 (Cat# [TT210002]).