

Product datasheet for **TP304258**

SYAP1 (NM_032796) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human synapse associated protein 1, SAP47 homolog (Drosophila) (SYAP1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204258 protein sequence Red =Cloning site Green =Tags(s)

MFRGLSSWLGLQQPVAGGGQPNGDALPEQPSETVAESAEELQQAGDQELLHQAQKDFGNLNFASAATK
KITESVAETAQTIKKSVEEGKIDGIIIDKTIIGDFQKEQKKFVEEQHTKKSEAAVPPWVDTNDEETIQQQI
LALSADKRNFLRDPAGVQFNFDQMYVALVMLQEDELSSKMRFALVPKLVKEEVFWRNYFYRVSLIK
QSAQLTALAAQQQAAGKEEKSNGREQDLPLAEAVRPKTPPVVKSQQLKTQEDEEEISTSPGVSEFVSDAF
DACNLNQEDLRKEMEQLVLDKKQEETAVLEEDSADWEKELQQELQEYEVVTESEKRDENWDKEIEKMLQE
EN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

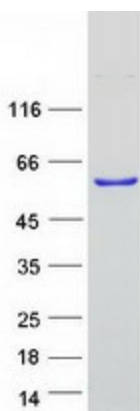
Tag:	C-Myc/DDK
Predicted MW:	39.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.
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:	<u>NP_116185</u>



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Locus ID:	94056
UniProt ID:	Q96A49
RefSeq Size:	3533
Cytogenetics:	Xp22.2
RefSeq ORF:	1056
Synonyms:	BSTA; PRO3113
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]).