

## Product datasheet for **TP304258L**

### **SYAP1 (NM\_032796) Human Recombinant Protein**

#### **Product data:**

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

MFRGLSSWLGLQQPVAGGGQPNGDALPEQPSETVAESAEELQQAGDQELLHQAQKDFGNLNFASAATK  
KITESVAETAQTIKKSVEEGKIDGIIDKTIIGDFQKEQKKFVEEQHTKKSEAAVPPWVDTNDEETIQQQI  
LALSADKRNFLRDPAGVQFNDFDQMYVALVMLQEDELSSKMRFALVPKLVKEEVFWRNYFYRVS  
LIKQSAQLTALAAQQQAAGKKEEKSNGREQDLPLAEAVRPKTPPVVKSQKLTQEDEEEISTSPGVSEFVSDAF  
DACNLNQEDLRKEMEQLVLDKKQEETAVLEEDSADWEKELQQELQEYEVVTESEKRDENWDKEIEKMLQE  
EN

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

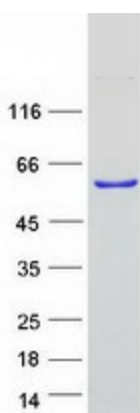
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	39.8 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_116185</a></u>



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Locus ID:	94056
UniProt ID:	<a href="#">Q96A49</a>
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]).