

## Product datasheet for TP328665L

### Synaptojanin (SYNJ1) (NM\_001160302) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human synaptojanin 1 (SYNJ1), transcript variant 3, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC228665 representing NM_001160302 Red=Cloning site Green=Tags(s)

MAFSKGFRIYHKLDPPPFLIVETRHKEECLMFESGAVAVLSSAEKEAIKGTYSKVLDAYGLLGVLRLNL  
GDTMLHYLVLTGCMSVGKIQESEVFRVTSTEFISLRIDSSDEDRISEVRKVLNSGNFYFAWSASGISLD  
LSLNAHRSMQEQTDDNRFFWNQSLHLHLKHYGVNCDDWLLRLMCGGVEIRTIYAAHKQAKACLISRLSCE  
RAGTRFNVRGTNDDGHVANFVETEQVYVLDSSVSSFIQIRGSVPLFWEQPLQVGSHRVRMSRGEANAP  
AFDRHFRTLKNLYGKQIIVNLLGSKEGEHMLS KAFQSHLKASEHAADIQMVNFDYHQMVKGGKAELHVS  
LKPQVQKFLDYGFFYFNGSEVQRCQSGTVRTNCLDCLDRTNSVQAFLEMLAKQLEALGLAEKPQLVTR  
FQEVFRSMWSVNGDSISKIYAGTGALEGGKAKLKD GARSVTRTIQNNFFDSSKQEAIDVLLGNTLNSDLA  
DKARALLTTGSLRVSEQLQSASSKVLKSMCENFYKYSKPKKIRVCVGTWNVNGGKQFRSIAFKNQTLTD  
WLLDAPKLAGIQEFQDKRSKPTDIFAIGFEEMVELNAGNIVSASTTNQKLWAVELQKTISRDNKYVLLAS  
EQLVGVCLFVIRPQHAPFIRDVAVDTVKTGMGGATGNKGAVAIRMLFHTTSLCFVCSHFAAGQSQVKER  
NEDFIEIARKLSFPMGRMLFSHDYVFWCGDFNYRIDLPNEEVKELIRQQNWDSL IAGDQLINQKNAGQVF  
RGFLEGGVTFAPTYKYDLFSDDYDTSEKCRTPAWTDRVLWRRRKWPFDRSAEDLDLLNASFQDESKILYT  
WTPGTLHYGRAELKTS DHRPVVALIDIDIFEVEAEERQNIYKEVIAVQGPDPGTVLVSISLSPENNF  
DDALIDELLQQFASFGEVILIRFVEDKMWVTFLEGSSALNVLSLNGKELLNRTITIALKSPDWIKNLEEE  
MSLEKISIALPSSTSSTLLGEDAEVAADFMEGDVDDYSAEVEELLPQHLQPSSSSGLGTSPSSSPRTSP  
CQSPTISEGPVPSLPIRPSRAPSRTPGPPSAQSSPIDAQPATPLPQKDPAPQPLEPKRPPPPRPVAPTRP  
APPQRPPPPSGARSPAPTRKEFGAPKSPGTTRKDNIGRSQSPSPQAGLAGPGPAGYSTARPTIPPRAGVIS  
APQSHARASAGRLTPESQSKTSETSKGSTFLPEPLKQAAPPQSSLPQAPQLQEPLVPVAAPMPQSGP  
QPNLETPPQPPPRSSSHSLPSEASSQPQQEQPSG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

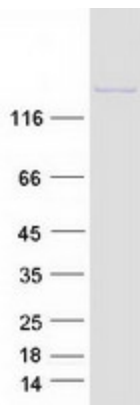
Tag:	C-Myc/DDK
Predicted MW:	143.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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<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>	NULL or Add: Recombinant proteins 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>	<a href="#">NP_001153774</a>
<b>Locus ID:</b>	8867
<b>UniProt ID:</b>	<a href="#">O43426</a>
<b>Cytogenetics:</b>	21q22.11
<b>RefSeq ORF:</b>	3885
<b>Synonyms:</b>	DEE53; EIEE53; INPP5G; PARK20
<b>Summary:</b>	This gene encodes a phosphoinositide phosphatase that regulates levels of membrane phosphatidylinositol-4,5-bisphosphate. As such, expression of this enzyme may affect synaptic transmission and membrane trafficking. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]
<b>Protein Families:</b>	Druggable Genome, Phosphatase
<b>Protein Pathways:</b>	Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system

### Product images:



Coomassie blue staining of purified SYNJ1 protein (Cat# [TP328665]). The protein was produced from HEK293T cells transfected with SYNJ1 cDNA clone (Cat# [RC228665]) using MegaTran 2.0 (Cat# [TT210002]).