

Product datasheet for TP328665

Synaptojanin (SYNJ1) (NM_001160302) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human synaptojanin 1 (SYNJ1), transcript variant 3, 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC228665 representing NM_001160302
Red=Cloning site Green=Tags(s)

MAFSKGFRIYHKLDPPPFSLIVETRHKEECLMFESGAVAVLSSAEKEAIKGTYSKVLDAYGLLGVLRLNL
 GDTMLHYLVLTGCMSSVGKIQESEVFRVTSTEFISLRIDSSDEDRISEVRKVLNSGNFYFAWSASGISLD
 LSLNAHRSMQEQTDDNRFFWNQSLHLHLKHYGVNCCDDWLLRLMCGGVEIRTIYAAHKQAKACLISRLSC
 E
 RAGTRFNVVGTNDDGHVANFVETEQVWYLDSSVSSFIQIRGSVPLFWEQPLQVGSHRVMSRSGFEANA
 P
 AFDRHFRTLKNLYGKQIIVNLLGSKEGEHMLS KAFQSHLKASEHAADIQMVNFDYHQMVKGGKAEKLHS
 V
 LKPQVQKFLDYGFFYFNGSEVQRCQSGTVRTNCLDCLDRTNVQAFGLGLEMLAKQLEALGLAEKPQLVTR
 FQEVFRSMWSVNGDSISKIYAGTGALEGGKAKLKDARSVTRTIQNNFFDSSKQEIDVLLLGNLNSDLA
 DKARALLTTGSLRVSEQTLQSASSKVLKSMCENFYKSKPKKIRVCVGTWNVNGGKQFRSIAFKNQTLTD
 WLLDAPKLAGIQEFQDKRSKPTDIFAIGFEEMVELNAGNIVSASTTNQKLWAVELQKTISRDNKYVLLAS
 EQLVGVCLFVFIRPQHAFIRDVAVDVTKTGMGGATGNKGAVAIRMLFHTTSLCFVCSHFAAGQSQVKER
 NEDFIEIARKLSFPMGRMLFSHDYVFWCGDFNYRIDLPNEEVKELIRQQNWDSL IAGDQLINQKNAGQVF
 RGFLEGVTFAPTYKYDLFSDDYDTSEKCRTPAWTDRVLWRRRKWPFDRSAEDLDLLNASFQDESKILY
 WTPGTLHYGRAELKTS DHRPVVALIDIDIFEVEAEERQNIYKEVIAVQGGPPDGTVLVSIKSSLPENFF
 DDALIDELLQQFASFGEVILIRFVEDKMWVTFLEGSSALNVLNLSLNGKELLNRTIITALKSPDWIKNLEEE
 MSLEKISIALPSSTSSTLLGEDAEVAADFMEGDVDDYSAEVEELLPQHLQPSSSSGLGTSPSSSPRTSP
 CQSPTISEGPVPSLPIRPSRAPSRTPGPPSAQSSPIDAQPATPLPQKDPAPLEPKRPPPPRPVAPPTRP
 APPQRPPPPSGARSPAPTRKEFGAPKSPGTTTRKDNIGRSQSPQAGLAGPGPAGYSTARPTIPPRAGVIS
 APQSHARASAGRLTPESQSKTSETSKGSTFLPEPLKQAAFPQPSSLPPPAQRLQEPLVPVAAPMPQSGP
 QPNLETPPQPPPRSRSSHSLPSEASSQPQEQPSG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

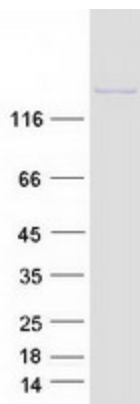
Tag: C-Myc/DDK



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Predicted MW:	143.1 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:	NULL or Add: Recombinant proteins 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:	NP_001153774
Locus ID:	8867
UniProt ID:	O43426
Cytogenetics:	21q22.11
RefSeq ORF:	3885
Synonyms:	DEE53; EIEE53; INPP5G; PARK20
Summary:	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]
Protein Families:	Druggable Genome, Phosphatase
Protein Pathways:	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]).