

Product datasheet for TP328616M

Synaptopodin (SYNPO) (NM_001166208) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human synaptopodin (SYNPO), transcript variant 3, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC228616 representing NM_001166208 Red=Cloning site Green=Tags(s)

MLGPHLPPPPLAPSEGRPTPCAFQIPDGSYRCLALEAEESSGEEGLQGEVGPDTLEEDEGVSRSGDDSDAC
RVTQGTPLPKALGIQPPSCSREEQGASQHDDRASQDWDVVKAGQMMTASPSGPGPRVAQKPALGRSTS
LTEKDLKEAKARSQQIAAQLTTPSSNSRQVQFNRRRQRVNEFTLESHGQRGQKPSQESLRLPSSLPG
HAPGLSLSSLSLPEPGPPRHSPQSPDRGVPGHSMEGYSEEASLLRHLEKVAEEEEVPLVVYLKENAAL
LTANGLHLSQNREAQQSSPAPPPAEVHSPAADVQNQLASPSATLTTPTSNSSHNPATDVNQNPPATVVP
QSLPLSSIQNSSEAQLPSNGTGPASKPSTLCADGQPQAPAEVRCSTLLIDKVSTPATTSTFSREATL
IPSSRPPASDFMSSLLIDIQPNLTVSADQEMSGRAAATPTKVYSEVHFTLAKPPSVNRTARPFGIQ
APGGTSMERSPMLERRHFGEKAPAPQPPSLPDRSPRQRHIMSRSPMVERMMGQRSPASERRPLGNFT
APPTYTETLSTAPLASWVRSPPSYSVLYPSSDPKSSHLKQAVPASKTGILEESMARRGSRKSMFTFVEK
PKVTPNPDLLDLVQTADEKRRQRDQGEVGVVEEFPALGAEASNFQQEPAPRDRASPAEEVPEWASCL
KSPRIQAKPKPNQNLSEASGKGAELYARRQSRMEKYVIESSHTPELARCPSTMSLPSSWKYPTNAP
GAFRVASRSPARTPPASLYHGYPENGLRPEPTKQPPYQLRPSLFLVLSPIKEPAKVSPPRAASPAKPSL
DLVPNLPKALPPSPALPRPSRSPGLYTPGQDSLQPTAVSPPYGGDISPVSPRAWSPRAKQAPRPSF
STRNAGIEAQVWKPSFCFK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

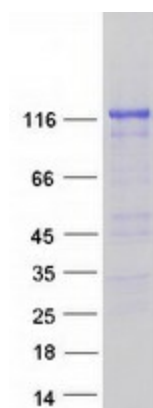
Tag:	C-Myc/DDK
Predicted MW:	99.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	NULL or Add: Recombinant proteins was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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_001159680
Locus ID:	11346
UniProt ID:	Q8N3V7
Cytogenetics:	5q33.1
RefSeq ORF:	2787
Summary:	Synaptopodin is an actin-associated protein that may play a role in actin-based cell shape and motility. The name synaptopodin derives from the protein's associations with postsynaptic densities and dendritic spines and with renal podocytes (Mundel et al., 1997 [PubMed 9314539]). [supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified SYNPO protein (Cat# [TP328616]). The protein was produced from HEK293T cells transfected with SYNPO cDNA clone (Cat# [RC228616]) using MegaTran 2.0 (Cat# [TT210002]).