

Product datasheet for **TP317108M**

DYNC111 (NM_004411) Human Recombinant Protein

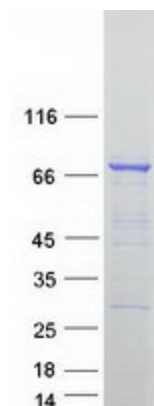
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dynein, cytoplasmic 1, intermediate chain 1 (DYNC111), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217108 representing NM_004411 Red =Cloning site Green =Tags(s) MSDKSDLKAELEKKQRLAQIREKKRKEEERKKKEADMQQKKEPVQDDSDLDRKRRETEALLQSIGISP EPPLVQPLHFLTWDTCYFHYLVPTPMSPSSKSVSTPSEAGSQDSGDLGPLTRTLQWDTDPSVLQLQSDSE LGRRLHKLGVSKVTQVDFLPREVVSYSKETQTPLATHQSEEEDEEMVESKVGQDSELENQDKKQEVKE APPRELTEEEKQQILHSEEFILFFDRTIRVIERALAEDSDIFFDYSGRELEEKDGDVQAGANLSFNRQFY DEHWSKHRVTCMDWSLQYPELMVASYNNNEDAPHEPDGVALVWNMFKKTTPEYVFHCQSSVMSVC FAR FHPNLVVG GTYSGQIVLWDNRSHRTPVQRTPLSAAATHPVYCVNVVGTQNAHNLITVSTDGKMCSW SL DMLSTPQESMELVYNKSKPVAVTGMAFPTGDVNNFVVGSEEGTVYTACRHGSKAGIGEVFEGHQGPVTGI NCHMAVGPIDFSHLFTSSFDWTVKLWTTKHNP LYSFEDNADYVYDVMWSPVHPALFACVDGMGRLD LW NLNNDTEVPTASVAIEGASALNRVRWAQAGKEVAVGDSEGRWVYDVGELAVPHNDEWTRFARTLVEIRA NRADSEEEGTVELSA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	72.8 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.


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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_004402
Locus ID:	1780
UniProt ID:	Q14576
RefSeq Size:	2950
Cytogenetics:	7q21.3
RefSeq ORF:	1935
Synonyms:	DNCI1; DNCIC1
Summary:	Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. The intermediate chains mediate the binding of dynein to dynactin via its 150 kDa component (p150-glued) DCNT1. May play a role in mediating the interaction of cytoplasmic dynein with membranous organelles and kinetochores.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified DYNC111 protein (Cat# [TP317108]). The protein was produced from HEK293T cells transfected with DYNC111 cDNA clone (Cat# [RC217108]) using MegaTran 2.0 (Cat# [TT210002]).