

Product datasheet for PH317108

DYNC1I1 (NM_004411) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DYNC1I1 MS Standard C13 and N15-labeled recombinant protein (NP_004402)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217108
Predicted MW:	72.8 kDa
Protein Sequence:	>RC217108 representing NM_004411 Red =Cloning site Green =Tags(s)

MSDKSDLKAELERKKQRLAQIREKKRKEEERKKKEADMQQKKEPVQDDSDLDKRRETEALLQSIGISP
 EPPLVQPLHFLTWDTCYFHYLVPTPMSPSSKSVSTPSEAGSQDSGDLGPLTRTLQWDTDPSTVLQLQSDSE
 LGRRHLKLGVSQVTVDFLPREVVSYSKETQTPLATHQSEDEEDEEMVESKVGQDSELENQDKKQEVKE
 APPRELTEEEKQQLHSEEFLLFFDRTIRVIERALAEDSDIFFDYSGRELEEKDGDVQAGANLSFNRFQY
 DEHWSKHRVVTCDWSLQYPELMVASYNNEADAPHEPDGVALVWNMKFKKTTPEYVFHCQSSVMSVCFAR
 FHPNLVGGTYSQIVLWDRSHRRTPVQRTPLSAAATHPVYCVNVVGTQNAHNLITVSDGKMCWSL
 DMLSTPQESMELVYNKSKPVAVTGMAFPTGDVNNFVVGSEEGTVYACRHGSKAGIGEVFEGHQGPVTGI
 NCHMAVGPIDFSHLFTVSSFDWTVKLWTTKHNKPLYSFEDNADYVYDVMWSPVHPALFACVDGMGRDLW
 NLNNDTEVPTASVAIEGASALNRVWAQAGKEVAVGDSEGRIVYVDVGLAVPHNDEWTRFARTLVEIRA
 NRADSEEGTVELSA

TRTRPLEEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_004402</u>
RefSeq Size:	2950


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RefSeq ORF: 1935

Synonyms: DNCI1; DNCIC1

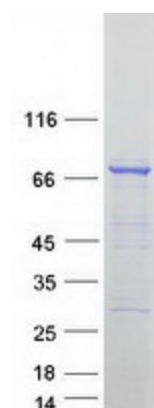
Locus ID: 1780

UniProt ID: [O14576](#), [A4D1I7](#), [Q8N542](#)

Cytogenetics: 7q21.3

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]).