

## Product datasheet for PH324326

### Dynamin 3 (DNM3) (NM\_015569) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	DNM3 MS Standard C13 and N15-labeled recombinant protein (NP_056384)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224326
Predicted MW:	97.1 kDa
Protein Sequence:	>Peptide sequence encoded by RC224326 Blue=ORF Red=Cloning site Green=Tag(s)

MGNREMEELIPLVNRLQDAF SALGQSCLLELPQIAVVGGSAGKSSVLENFVGRDFLPRGSGIVTRRPL  
VLQLVTSKAEYAEFLHCKGKKTDFDEVRLIEAETDRVTGMNKGISSIPINLRVYSPHVLNLTIDLP  
GITKVPVGDQPPDIEYQIREMIMQFITRENCLILAVTPANTDLANSALKLAKEVDPQGLRTIGVITKL  
DLMDEGTDARDVLENKLLPLRRGYVGVNRSQKDIDGKKDIKAAMLAERKFFLSHPAYRHIADRMGTPH  
LQKVLNQQLTNHIRDTPNFRNKLQGLLSIEHEVEAYKNFKPEDPTRKTKALLQMVQQFAVDFEKRIE  
GSGDQVDTLELSSGAKINRIFHERFPFEIVKMEFNEKELRREISYAIKNIHGIRTLGLFTPDMAFEAIVK  
KQIVKLGPSLKSVDLVIQELINTVKKCTKLANFPRLCEETERIVANHIREGKTKDQVLLLDIIVQV  
SYINTNHEDFIGFANAQRSSQVHKKTTVGNQVIRKQWLTISNIGIMKGGSKGYWFLTAESLSWYKDD  
EEKEKKYMLPLDNLKVRDVEKSFMSKHFALFNTEQRNVYKDYRFEELACDSQEDVDSWKASLLRAGV  
YDPKSVGNKAENDENGAENFSMDPQLERQVETIRNLVDSYMSIINKCIRDLPKTIHMLMINNVKDF  
INSELLAQLYSSEQNTLMEESAQAQRDEMLRMYQALKEALGIIGDISTATVSTPAPPVDDSWIQH  
SRRSPPPSPTTQRRPTLSAPLARPTSGRGPAPAIPSPGPHSGAPPVFRPGPLPPFPSSSDSFGAPPQV  
PSRPTRAPPSVPSRRPPSPTRPTIIRPLESSLLD  
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Recombinant protein using RC224326 also available, [TP324326](#)

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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.



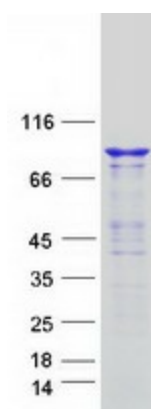
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RefSeq:	<a href="#">NP_056384</a>
RefSeq Size:	7644
RefSeq ORF:	2589
Synonyms:	Dyna III
Locus ID:	26052
UniProt ID:	<a href="#">Q9UQ16</a>
Cytogenetics:	1q24.3

**Summary:** This gene encodes a member of a family of guanosine triphosphate (GTP)-binding proteins that associate with microtubules and are involved in vesicular transport. The encoded protein functions in the development of megakaryocytes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]

**Protein Pathways:** Endocytosis, Fc gamma R-mediated phagocytosis

### Product images:



Coomassie blue staining of purified DN M3 protein (Cat# [TP324326]). The protein was produced from HEK293T cells transfected with DN M3 cDNA clone (Cat# [RC224326]) using MegaTran 2.0 (Cat# [TT210002]).