

## Product datasheet for **TP324326L**

### Dynamin 3 (DNM3) (NM\_015569) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dynamin 3 (DNM3), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>Peptide sequence encoded by RC224326 Blue=ORF Red=Cloning site Green=Tag(s)

MGNREMEELIPLVNRLQDAFSALGQSCLELQPQIAVWGGQSAGKSSVLENFVGRDFLPRGSGIVTRRPL  
VLQLVTSKAEYAEFLHCKGKKFTDFDEVRLIEAETDRVTGMNKGISSIPINLRVYSPHVLNLTLDLP  
GITKVPVGDQPPDIEYQIREMIMQFITRENCLILAVTPANTDLANSALKLAKEVDPQGLRTIGVITKL  
DLMDEGTDARDVLENKLLPLRRGYVGVNRSQKIDIDGKKDIKAAMLAEKFFLSHPAYRHIADRMGTPH  
LQKVLNQQLTNHIRDTPNFRNKLQGGQLLSIEHEVEAYKNFKPEDPTRTKALLQMVQQFAVDFEKRIE  
GSGDQVDTLELSGGAKINRIFHERFPFEIVKMEFNEKELRREISYAIKNIHGIRTGLFTPMAFEAIVK  
KQIVKLGKPSLKSVDLVIQELINTVKKCTKLANFPRLCEETERIVANHIREREGTKDQVLLIDIQV  
SYINTNHEDFIGFANAQQRSSQVHKTTVGNQVIRKGWLTISNIGIMKGGSKGYWFVLTAEESLWYKDD  
EEKEKKYMLPLDNLKVRDVEKSFMSKHFALFNTEQRNVYKDYRFELEACDSQEDVDSWKASLLRAGV  
YDPKSVGNNKAENDENGQAENFSMDPQLERQVETIRNLVDSYMSIINKCIRDLPKTIMHLMINNVKDF  
INSELLAQLYSSDQNTLMEESAQAQRDEMLRMYQALKEALGIIGDISTATVSTPAPPVDDSWIQH  
SRRSPSPPTTQRRPTLSAPLARPTSGRGPAPAIKSPGPHSGAPPVFRPGLPPFPSSSDSFGAPPQV  
PSRPTRAPPVPSRRPPSPTRPTIIRPLESSLLD  
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

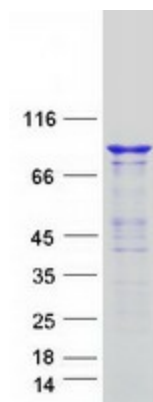
Recombinant protein using RC224326 also available, [TP324326](#)

Tag:	C-Myc/DDK
Predicted MW:	96.9 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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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_056384</a>
<b>Locus ID:</b>	26052
<b>UniProt ID:</b>	<a href="#">Q9UQ16</a>
<b>RefSeq Size:</b>	7644
<b>Cytogenetics:</b>	1q24.3
<b>RefSeq ORF:</b>	2589
<b>Synonyms:</b>	Dyna III
<b>Summary:</b>	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]
<b>Protein Pathways:</b>	Endocytosis, Fc gamma R-mediated phagocytosis

**Product images:**

Coomassie blue staining of purified DNMM3 protein (Cat# [TP324326]). The protein was produced from HEK293T cells transfected with DNMM3 cDNA clone (Cat# [RC224326]) using MegaTran 2.0 (Cat# [TT210002]).