

## Product datasheet for **TP323454M**

### **NUP54 (NM\_017426) Human Recombinant Protein**

#### **Product data:**

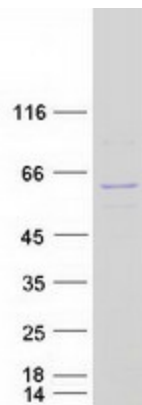
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human nucleoporin 54kDa (NUP54), 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC223454 representing NM_017426 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAFNFGAPSGTSGTAAATAAPAGGFGGFGTTSTTAGSAFSFSAPTNTGTTGLFGGTQNKGFSGTGFGT TGTSTGLGTGLGTGLGFGGNTQQQQQTTLGGLFSQPTQAPTQSNQLINTASALSAPTLLGDERDAILAK WNQLQAFWGTGKGYFNNNIPPVEFTQENPFCRFKAVGYSCMPSNKGDEGLVVLVFNKKETEIRSQQQQ LV ESLHKVLGGNQTLTVNVEGKTLPDDQTEVVIYVVERSPNGTSRRVPATTLIAHFEQANIKTQLQQLGVT LSMTRTELSPAQIKQLLQNPPAGVDPIIWEQAKVDNPDSEKLIPVPMVGFKELLRRLKVQDQMTKQHQR LDIISEDISELQKNQTTSAKIAQYKRKLMDLSHRTLQVLKQEIQRKSGYAIQADEEQLRVQLDTIQGE LNAPTQFKGRLNELMSQIRMQNHFGAVRSEERYIIDADLLREIKQHLKQQQEGLSHLISIKDDLEDIKL VEHGLNETIHIRGGVFS</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	55.3 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<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.



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<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>	<u><a href="#">NP_059122</a></u>
<b>Locus ID:</b>	53371
<b>UniProt ID:</b>	<u><a href="#">Q7Z3B4</a></u>
<b>RefSeq Size:</b>	2358
<b>Cytogenetics:</b>	4q21.1
<b>RefSeq ORF:</b>	1521
<b>Summary:</b>	The nuclear envelope creates distinct nuclear and cytoplasmic compartments in eukaryotic cells. It consists of two concentric membranes perforated by nuclear pores, large protein complexes that form aqueous channels to regulate the flow of macromolecules between the nucleus and the cytoplasm. These complexes are composed of at least 100 different polypeptide subunits, many of which belong to the nucleoporin family. This gene encodes a member of the phe-gly (FG) repeat-containing nucleoporin subset. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jun 2013]

### Product images:



Coomassie blue staining of purified NUP54 protein (Cat# [TP323454]). The protein was produced from HEK293T cells transfected with NUP54 cDNA clone (Cat# [RC223454]) using MegaTran 2.0 (Cat# [TT210002]).