

## Product datasheet for PH311845

### NUP155 (NM\_153485) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NUP155 MS Standard C13 and N15-labeled recombinant protein (NP_705618)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211845
Predicted MW:	155 kDa
Protein Sequence:	>RC211845 representing NM_153485 Red=Cloning site Green=Tags(s)

MPSLLGAAMPASTSAAALQEALLENAGRLIDRQLQEDRMYPDLSELLMVSAPNNPTVSGMSDMDYPLQGP  
 GLLSVPNLPEISSIRRVPLPELVEQFGHMQCNCMMGVFPPISRRAWLTIDSDIFMWNVEDGGDLAYFDGL  
 SETILAVGLVKPKAGIFQPHVRHLLVLATPVDIVILGLSYANLQTGSGVLNDSLGGMQLLPDLYSLPT  
 DNTYLLTITSTDNGRIFLAGKDGCLYEVAYQAEAGWFSQRCRKINHSKSSLSFLVPSLLQFTFSEDDPIL  
 QIAIDNSRNILYTRSEKGVIVYDLGQDGGMSRVASVSQNAIVSAAGNIARTIDRSVFKPIVQIAVIEN  
 SESLDCQLLAVTHAGVRLYFSTCPFRQPLARPNTLTLVHVRLPPGFSASSTVEKPSKVHRALYSKGILLM  
 AASENEDNDILWCVNHDTFPFQKPMMETQMTAGVDGHSWALSAIDELKVDKIITPLNKDHIPITDSPVVV  
 QQHMLPPKKFVLLSAQGSMLFHKLRPVQLRHLLVSNVGGDGEETIERFFKLHQEDQACATCLILACSTAA  
 CDREVSAAWATRAFFRYGGEAQMRFTTLPPPSNVGPILGSPVYSSPVPVSGSPYPNPSFLGTSPSHGIQPP  
 AMSTPVCALGNPATQATNMSCVTGPEIVYSGKHNGICIFYSRIMGNIWDASLVVERIFKSGNREITAIES  
 SVPCQLLESVLQELKGLQEFLDNRNSQFAGGPLGNPNTTAKVQQRLIGFMRPENGNPQQMQELQRKFHEA  
 QLSEKISLQAIQQLVRKSYQALALWLLCEHQFTIIVAEKQELQELKITTFFKDLVIRDKELTGALIAS  
 LINCYIRDNAAVDGLSLHLQDICPLLYSTDDAICSKANELLQRSRQVQNKTEKERMLRESLKEYQKISNQ  
 VDL SNVCAQYRQRFYEGVVELSLTAAEKKDPQGLGLHFYKHGEPEEDIVGLQAFQERLNSYKCIDTDLQ  
 ELVNQSKAAPQSPVPPKPGPPVLSDDPNMLSNEEAGHHFEQMLKLSQRSKDELFSIALYNWLIQVDLAD  
 KLLQVASPFLEPHLVRMAKVQDQNRVRYMDLLWRYYEKNRSFSNAARVLSRLADMHSTEISLQQRLEYIAR  
 AILSAKSSTAISIAADGEFLHELEEKMEVARIQLQIQETLQRQYSHHSSVQDAVSQLDSELMIDITKLYG  
 EFADPFKLAECKLAIHHCAGYSDPILVQTLWQDIIEKELSDSVTLSSSDRMHALSLKIVLLGKIYAGTPR  
 FFPLDFIVQFLEQQVCTLNWDVGFVIQTMNEIGVPLPRLLEVYDQLFKSRDPFWNRMKPLHLLDCIHVL  
 LIRYVENPSQVLNCERRRFTNLCLDAVCGYLVELQSMSSSVAVQAITGNFKSLQAKLERLH

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

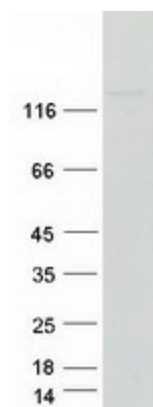
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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<b>Labeling Method:</b>	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
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3
<b>Storage:</b>	Store at -80°C. Avoid repeated freeze-thaw cycles.
<b>Stability:</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_705618</a>
<b>RefSeq Size:</b>	4355
<b>RefSeq ORF:</b>	4173
<b>Synonyms:</b>	ATFB15; N155
<b>Locus ID:</b>	9631
<b>UniProt ID:</b>	<a href="#">O75694</a> , <a href="#">A0A024R071</a>
<b>Cytogenetics:</b>	5p13.2
<b>Summary:</b>	Nucleoporins are proteins that play an important role in the assembly and functioning of the nuclear pore complex (NPC) which regulates the movement of macromolecules across the nuclear envelope (NE). The protein encoded by this gene plays a role in the fusion of NE vesicles and formation of the double membrane NE. The protein may also be involved in cardiac physiology and may be associated with the pathogenesis of atrial fibrillation. Alternative splicing results in multiple transcript variants of this gene. A pseudogene associated with this gene is located on chromosome 6. [provided by RefSeq, May 2013]

## Product images:



Coomassie blue staining of purified NUP155 protein (Cat# [TP311845]). The protein was produced from HEK293T cells transfected with NUP155 cDNA clone (Cat# [RC211845]) using MegaTran 2.0 (Cat# [TT210002]).