

# Recombinant Human NUP155 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** NUP155-3662H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

NUP155 MS Standard C13 and N15-labeled recombinant protein (NP\_705618) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

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.

### Molecular Mass

155 kDa

### AA Sequence

MPSSLLGAAMPASTSAAALQEALENAGRLIDRQLQEDRMYPDLSELLMVSAPNNPT  
VSGMSDMDYPLQGPGLLSVPNLPEISSIRRVPLPELVEQFGHMQCNCMMGVFPPI  
SRAWLTIDSDIFMWNVEDGGDLAYFDGLSETILAVGLVKPKAGIFQPHVRHLLVLATP  
VDIVILGLSYANLQTGSGVLNDSLSGGMQLLPDPLYSLPTDNTYLLTITSTDNGRIFLA  
GKDGCLYEVAYQAEAGWFSQRCRKINHSSLSFLVPSLLQFTFSEDDPILQIAIDNS  
RNILYTRSEKGVYQVYDLGQDGQGMRSRVASVSQNAIVSAAGNIARTIDRSVFKPIVQI

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AVIENSESLDCQLLAVTHAGVRLYFSTCPFRQPLARPNTLTLVHVRLPPGFSASSTVE  
 KPSKVHRALYSK GILLMAASENEDNDILWCVNHDTFFQKPMMETQMTAGVDGHS  
 WALSAIDELKVDKIITPLNKDHIPITDSPVVVQQHMLPPKKFVLLSAQGSMLFHKLRPV  
 DQLRHLLVSNVGGDGEEIERFFKLHQEDQACATCLILACSTAACDREVS AWATRAFF  
 RYGGEAQMRFPTTLPPPSNVGPILGSPVYSSSPVPSGSPYPNPSFLGTPSHGIQPP  
 AMSTPVCALGNPATQATNMSCVTGPEIVYSGKHNGICIYFSRIMGNIWDASLVVERIF  
 KSGNREITAIESSVPCQLLESVLQELKGLQEFLDRNSQFAGGPLGNPNTTAKVQQRL  
 IGFM RPENGNPQQMQQELQRKFHEAQLSEKISLQAIQQLVRKSYQALALWKLLCEH  
 QFTIIVAE LQKELQEQLKITTFKDLVIRDKELTGALIASLINCYIRDNAAVDGLSLHLQDIC  
 PLYSTDDAICSKANELLQRSRQVQNKTEKERMLRESLKEYQKISNQVDLSNVCAQY  
 RQVRFYEGVVELSLTAAEKKDPQGLGLHFYKHGEPEEDIVGLQAFQERLNSYKCITD  
 TLQELVNQSKAAPQSPSPKPGPPVLSSDPNMLSNEEAGHHFEQMLKLSQRSKD  
 ELFSIALYNWLIQVDLADKLLQVASFLEPHLVRMAKVDQNRVRYMDLLWRYYEKNR  
 SFSNAARVLSRLADMHSTEISLQQRLEYIARAILSAKSSTAISIAADGEFLHELEEKM  
 EVARIQLQIETLQRQYSHHSSVQDAVSQLDSELM DITKLYGEFADPFKLAECKLAIH  
 CAGYSDPILVQTLWQDIIEKELSDSVTLSSSDRMHALSLKIVLLGKIYAGTPRFFPLDFI  
 VQFLEQQVCTLNWDVGFVIQTMNEIGVPLPRLLEVDQLFKSRDPFWNRMKKPLHL  
 LDCIHVLLIRYVENPSQVLNCERRRFTNLCLDAVCGYLVELQSMSSSVAVQAITGNFK  
 SLQAKLERLHTRTRPLEQKLISEEDLAANDILDYKDDDDKV

<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** NUP155 nucleoporin 155kDa [ Homo sapiens (human) ]

**Official Symbol** NUP155

**Synonyms** NUP155; nucleoporin 155kDa; nucleoporin 155kD; nuclear pore complex protein  
Nup155; KIAA0791; N155; nucleoporin Nup155; 155 kDa nucleoporin;

**Gene ID** 9631

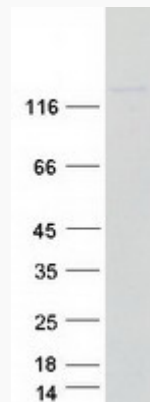
**mRNA Refseq** NM\_153485

**Protein Refseq** NP\_705618

**MIM** 606694

**UniProt ID** O75694

### SDS-PAGE



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