

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	MPSSLLGAAMPASTSAAALQEALENAGRLIDRQLQEDRMYPDLSELLMVSA PNNPT VSGMSDMDYPLQGPGLLSVPNLPEISSIRRVPLPPELVEQFGHMQCNCMMGVFPPI SRAWLTIDSDIFMWN YEDGGDLAYFDGLSETILAVGLVKPKAGIFQPHVRHLLVLATP VDIVILGLSYANLQTGSGVLNDSL SGGMQLLPDPLYSLPTDNTYLLTITSTDNGRIFLA GKDGCLYEYVAYQAEAGWFSQRCRKINH SKSSLFLVPSLLQFTFSEDDPILQIAIDNS RNILYTRSEKGVIVQVYDLGQDGQGM SRVASVSQNAIVSAAGNIARTIDRSVFKPIVQI

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AVIENSESLDCQLLAVTHAGVRLYFSTCPFRQPLARPNTLTLVHVRLPPGFSASSTVE
 KPSKVHRLALYSK GILLMAASENEDNDILWCVNHDTFPFQKPMMETQMTAGVDGHS
 WALSAIDELKVDKIITPLNKDHIPITDSPVVVQQHMLPPKKFVLLSAQGSMLFHKLRPV
 DQLRHLLVSNVGGDGEEIERFFKLHQEDQACATCLILACSTAACDREVS AWATRAFF
 RYGGEAQMRFPPTLPPPSNVGPILGSPVYSSSPVPSGSPYPNPSFLGTPSHGIQPP
 AMSTPVCALGNPATQATNMSCVTGPEIVYSGKHNGICIYFSRIMGNIWDASLVVERIF
 KSGNREITAIESSVPCQLLESVLQELKGLQEFLDRNSQFAGGPLGNPNTTAKVQQRL
 IGFM RPENGNPQQMQQELQRKFHEAQLSEKISLQAIQQLVRKSYQALALWKLLCEH
 QFTIIVAE LQKELQEQLKITTFKDLVIRDKELTGALIASLINC YIRDNAAVDGLSLHLQDIC
 PLLYSTDDAICSKANELLQRSRQVQNKTEKERMLRESLKEYQKISNQVDLSNVCAQY
 RQVRFYEGVVELSLTAAEKKDPQGLGLHFYKHGEPEEDIVGLQAFQERLNSYKCITD
 TLQELVNQSKAAPQSPSPVKKPGPPVLSSDPNMLSNEEAGHHFEQMLKLSQRSKD
 ELFSIALYNWLIQVDLADKLLQVASFLEPHLVRMAKVDQNRVRYMDLLWRYYEKNR
 SFSNAA RVL SRLADMHSTEISLQQRLEYIARAILSAKSSTAISIAADGEFLHELEEK M
 EVARIQLQIQETLQRQYSHHSSVQDAVSQLDSELM DITKLYGEFADPFKLAECKLAIH
 CAGYSDPILVQTLWQDIIEKELSDSVTLSSSDRMHALSLKIVLLGKIYAGTPRFFPLDFI
 VQFLEQQVCTLNWDVGVFIQTMNEIGVPLPRLLEVYDQLFKSRDPFWNRMKKPLHL
 LDCIHVLLIRYVENPSQVLNCERRRFTNLCLDAVCGYLVELQSMSSSVAVQAITGNFK
 SLQAKLERLHTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

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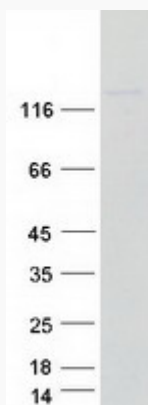
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GENE INFORMATION

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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