NUP155 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	NUP155, Lysate
Full Product Name	Human NUP155 Protein Lysate
Product Gene Name	NUP155 lysate
Product Synonym Names	NUP155; ATFB15; N155
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	149,016 Da
OMIM	606694
3D Structure	ModBase 3D Structure for O75694
Related Product Information for NUP155 lysate	Human NUP155 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of NUP155 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for NUP155 purchase	MBS8416354 is a lysate targeting NUP155. Also known as Human NUP155 Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NUP155. It may not necessarily be applicable to this product.

NCBI GI #	24430149
NCBI GeneID	9631
NCBI Accession #	NP_705618
UniProt Primary Accession #	O75694
UniProt Secondary Accession #	Q9UBE9; Q9UFL5
UniProt Related Accession #	O75694
GenBank Nucleotide #	NM_153485
NCBI Official Full Name	nuclear pore complex protein Nup155 isoform 1
NCBI Official Synonym Full Names	nucleoporin 155kDa
NCBI Official Symbol	NUP155
NCBI Official Synonym Symbols	N155; ATFB15
UniProt Protein Name	Nuclear pore complex protein Nup155
UniProt Synonym Protein Names	155 kDa nucleoporin; Nucleoporin Nup155

Protein Family	Nuclear pore complex protein
UniProt Gene Name	NUP155
UniProt Synonym Gene Names	KIAA0791
UniProt Entry Name	NU155_HUMAN
NCBI Protein Information	nuclear pore complex protein Nup155; nucleoporin 155kD; 155 kDa nucleoporin
NCBI Summary for NUP155	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]
UniProt Comments for NUP155	NUP155: Essential component of nuclear pore complex. Nucleoporins may be involved both in binding and translocating proteins during nucleocytoplasmic transport. Belongs to the non-repetitive/WGA-negative nucleoporin family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Nucleoporin Chromosomal Location of Human Ortholog: 5p13.1 Cellular Component: nuclear membrane; membrane; nuclear pore; nuclear envelope Molecular Function: structural constituent of nuclear pore; transporter activity Biological Process: viral reproduction; cytokine and chemokine mediated signaling pathway; mitotic nuclear envelope disassembly; pathogenesis; glucose transport; viral infectious cycle; nuclear membrane organization and biogenesis; mRNA export from nucleus; protein import into nucleus; hexose transport; carbohydrate metabolic process; viral transcription; gene expression; mitotic cell cycle; transmembrane transport Disease: Atrial Fibrillation, Familial, 15
Research Articles on NUP155	**1.** The Nup155-mediated localization was required for HDAC4's effect on gene expression.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/lysate/nup155/8416354