

Recombinant Human NUP210 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NUP210-5495H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NUP210 MS Standard C13 and N15-labeled recombinant protein (NP_079199) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. The protein encoded by this gene is a membrane-spanning glycoprotein that is a major component of the nuclear pore complex. Multiple pseudogenes related to this gene are located on chromosome 3.
Molecular Mass	204.9 kDa
AA Sequence	MAARGRGLLLLTLSVLLAAGPSAAAAKLNIPKVLLPFTRATRVNFTLEASEGCRYWLS TRPEVASIEPLGLDEQQCSQKAVVQARLTQPARLTSIIFAEDITTGQVLRCDIVDLIH DIQIVSTTRELYLEDSPLELKIQALDSEGNTFSTLAGLVFEWTIVKDSEADRFSDSHNA LRILTFLESTYIPPSYISEMEKAAKQGDITLVSGMKTGSSKLKARIQEAVYKNVRPAEV RLLILENILLNPAYDVYLMVGTSIHYKVQKIRQGKITELSMPSDQYELQLQNSIPGPEG DPARPVAVLAQDTSMTALQLGQSSLVLGHRISRMQGASRLPNSTIYVVEPGYLGFT VHPGDRWVLETGRLYEITIEVDFDKFSNKVYVSDNIRIETVLPAEFFFEVLSSSQNGSYH

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RIRALKRGQTAIDAAALTSVVDQDGGVHILQVPVWNQQEVEIHIPITLYPSILTFPWQPK
TGAYQYTIRAHGGSGNFSWSSSSHLVATVTVKGVMTTGSIDIGFSVIAHADVQNPLH
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LAVEVENQGVFQPLPGRLPPEGSEHCSGIRVKAEAQGSTTLLVSYRHGHVHLSAKITI
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APHSSRNYQQHWILVTCQALGEQVIALSVGNKPSLTNPFAVEPAVVKFVCAPPSRL
TLAPVYTSPQLDMSCPLLQQNKQVVPVSSHNRPRDLAAYDQEGRRFDNFSSLSIQ
WESTRPVLASIEPELPMQLVSQDDESGQKKLHGLQAILVHEASGTTAITATATGYQE
SHLSSARTKQPHDPLVPLSASIELILVEDVRVSPEEVTIYNHPGIQAELRIREGSGYFF
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VQVEVLLLRVRIRAPIMRMRTGTQMPIYVTGITNHQNPFSFGNAVPGLTFFHWSVTK
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VVHVDEKGFSLASGSMIGTSTIEVIAQEPFGANQTIIVAVKVSPVSYLRVSMSPVLHTQ
NKEALVAVPLGMTVTFTVFHFDNSGDVFHAHSSVLNFATNRDDFVQIGKGPTNNTC
VVRTVSVGLTLLRVWDAEHPGLSDFMPLPVLQAISPELSGAMVVGDLCLATVLTSL
EGLSGTWSSSANSILHIDPKTGVAVARAVGSVTVYYEVAGHLRTYKEVVVSVPPQIM
ARHLHPIQTSFQEATASKVIVAVGDRSSNLRGECTPTQREVIQALHPETLISCQSQFK
PAVFDFPSQDVFTVEPQFDTALGQYFCSITMHRITDKQRKHLMSMKKTALVVSASLSS
SHFSTEQVGAEVPFSPGLFADQAEILLSNHYSSEIRVFGAPEVLENLEVKSGSPAVL
AFAKEKSFGWPSFITYTVGVLDPAAGSQGPLSTTLTFSSPVTNQAIAPVTVAFVVDNR
RGPGPYGASLFQHFLDSYQVMFFTLFALLAGTAVMIIAYHTVCTPRDLAVPAALTPRA
SPGHSPHYFAASSPTSPNALPPARKASPPSGLWSPAYASHTRTRPLEQKLISEEDLA
ANDILDYKDDDDKV

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

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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.

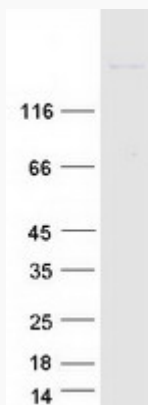
GENE INFORMATION

Gene Name	NUP210 nucleoporin 210kDa [Homo sapiens (human)]
Official Symbol	NUP210
Synonyms	NUP210; nucleoporin 210kDa; nuclear pore membrane glycoprotein 210; FLJ22389; GP210; KIAA0906; POM210; nucleoporin Nup210; nuclear pore protein gp210; pore membrane protein of 210 kDa; nuclear envelope pore membrane protein POM 210;
Gene ID	23225
mRNA Refseq	NM_024923
Protein Refseq	NP_079199
MIM	607703
UniProt ID	Q8TEM1

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SDS-PAGE

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