

Recombinant Human NUP210 protein, His & T7-tagged

Cat. No. NUP210-6935H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NUP210 aa. (Leu1288~Val1449 (Accession # Q8TEM1)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu1288~Val1449
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

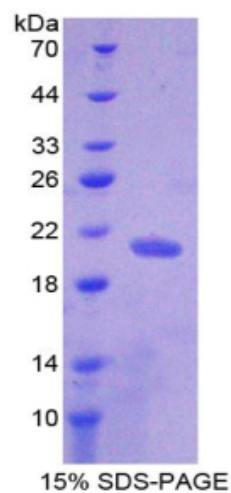
Gene Name	NUP210 nucleoporin 210 [Homo sapiens (human)]
Official Symbol	NUP210
Synonyms	NUP210; nucleoporin 210; GP210; POM210; nuclear pore membrane glycoprotein 210; nuclear envelope pore membrane protein POM 210; nuclear pore protein gp210; nucleoporin 210kDa; nucleoporin Nup210; pore membrane protein of 210 kDa
Gene ID	23225
mRNA Refseq	NM_024923.3
Protein Refseq	NP_079199.2
UniProt ID	Q8TEM1

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SDS-PAGE



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