

## NUP210 Protein, Human (sf9, GST)

Cat. No.:	HY-P77109
Synonyms:	Nucleoporin 210; POM 210; Nuclear pore membrane glycoprotein 210
Species:	Human
Source:	Sf9 insect cells
Accession:	Q8TEM1 (L1837-H1887)
Gene ID:	23225
Molecular Weight:	Approximately 31.7 kDa.

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 $\mu$ m filtered solution of 20 mM Tris, pH 8.0, 500 mM NaCl, 20% Glycerol, 2 mM GSH. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	NUP210 Protein, a nucleoporin, plays a crucial role in nuclear pore assembly and fusion, contributing to nuclear pore spacing and maintaining structural integrity. This protein is essential for the proper functioning of nuclear pores, which facilitate the transport of molecules between the nucleus and the cytoplasm. NUP210 is known to form dimers and possibly higher-order oligomers, emphasizing its role in the intricate architecture and function of nuclear pores within the cellular environment.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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