

Recombinant Human NUP205 protein, His & T7-tagged

Cat. No. NUP205-1572H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NUP205 aa. (Asp1735~Val2000 (Accession # Q92621)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asp1735~Val2000
Description	This gene encodes a nucleoporin, which is a subunit of the nuclear pore complex that functions in active transport of proteins, RNAs and ribonucleoprotein particles between the nucleus and cytoplasm. Mutations in this gene are associated with steroid-resistant nephrotic syndrome.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.2kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 6.9.
Applications	SDS-PAGE; WB; ELISA; IP.

 Tel: 1-631-559-9269 1-516-512-3133

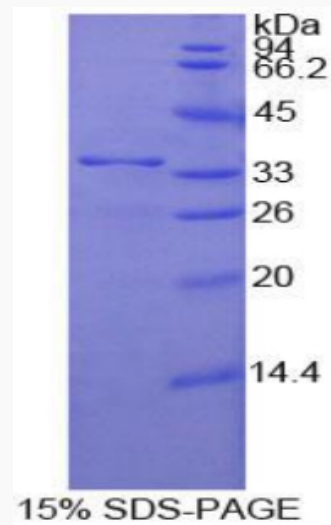
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
GENE INFORMATION	
Gene Name	NUP205 nucleoporin 205 [Homo sapiens (human)]
Official Symbol	NUP205
Synonyms	NPHS13; C7orf14; 205 kDa nucleoporin; nucleoporin Nup205; nuclear pore complex protein Nup205
Gene ID	23165
mRNA Refseq	NM_001329434.1
Protein Refseq	NP_001316363.1
UniProt ID	Q92621



SDS-PAGE



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