

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.

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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

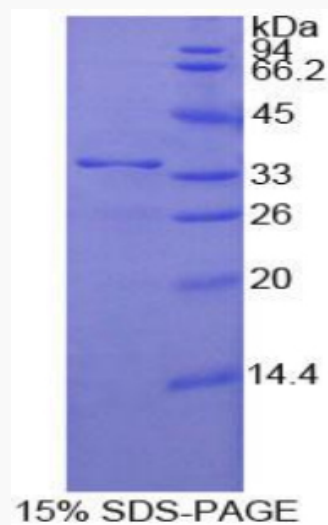
Gene Name	NUP205 nucleoporin 205 [Homo sapiens (human)]
Official Symbol	NUP205
Synonyms	NPHS13; C7orf14; 205 kDa nucleoporin; nucleoporin Nup205; nuclear pore complex protein Nup205
Gene ID	23165
mRNA Refseq	NM_001329434.1
Protein Refseq	NP_001316363.1
UniProt ID	Q92621

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SDS-PAGE



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