

Recombinant Human NUP155 protein, His & T7-tagged

Cat. No. NUP155-1552H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NUP155 aa. (Gln1154~Asn1379 (Accession # O75694)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gln1154~Asn1379
Description	Nucleoporins are proteins that play an important role in the assembly and functioning of the nuclear pore complex (NPC) which regulates the movement of macromolecules across the nuclear envelope (NE). The protein encoded by this gene plays a role in the fusion of NE vesicles and formation of the double membrane NE. The protein may also be involved in cardiac physiology and may be associated with the pathogenesis of atrial fibrillation. Alternative splicing results in multiple transcript variants of this gene. A pseudogene associated with this gene is located on chromosome 6.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.7kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%

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Characteristic	The isoelectric point is 6.1.
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	NUP155 nucleoporin 155 [Homo sapiens (human)]
Official Symbol	NUP155
Synonyms	N155; ATFB15; 155 kDa nucleoporin; nucleoporin 155kD; nucleoporin 155kDa; nuclear pore complex protein Nup155
Gene ID	9631
mRNA Refseq	NM_001278312.1
Protein Refseq	NP_001265241.1

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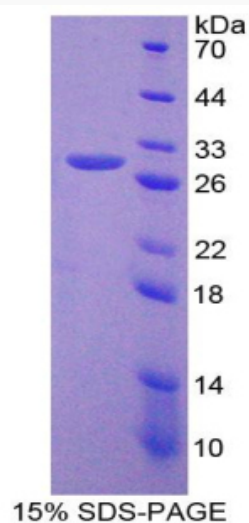
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UniProt ID

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SDS-PAGE

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