

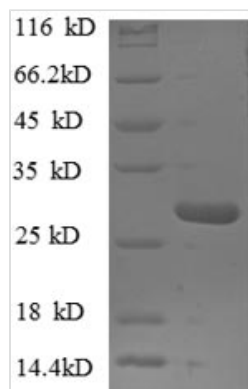


Recombinant Human Nuclear pore complex protein Nup153 (NUP153), partial

Product Code	CSB-EP016190HU
Relevance	Component of the nuclear pore complex (NPC), a complex required for the trafficking across the nuclear envelope. Functions as a scaffolding element in the nuclear phase of the NPC essential for normal nucleocytoplasmic domain transport of proteins and mRNAs. Involved in the quality control and retention of unspliced mRNAs in the nucleus; in association with TPR, regulates the nuclear export of unspliced mRNA species bearing constitutive transport element (CTE) in a NXF1- and KHDRBS1-independent manner. Mediates TPR anchoring to the nuclear membrane at NPC. The repeat-containing domain may be involved in anchoring other components of the NPC to the pore membrane. Possible DNA-binding subunit of the nuclear pore complex (NPC).
Abbreviation	Recombinant Human NUP153 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P49790
Alias	153 kDa nucleoporinNucleoporin Nup153
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	KAGSSWQC D T C L L Q N K V T D N K C I A C Q A A K L S P R D T A K Q T G I E T P N K S G K T T L S A S G T G F G D K F K P V I G T W D C D T C L V Q N K P E A I K C V A C E T P K P G T C V K R A L T L T V V S E S A E T M T A S S S S C T V T T G T L G F G D K F K R P I G S W E C S V C C V S N N A E D N K C V S C M S E K P G S S V P A S S S S T V P V S L P S G G S L G L E K F K K P E G S W D C E L C L V Q N K A D S T K C L A C E S A K P G
Research Area	Immunology
Source	E.coli
Target Names	NUP153
Expression Region	657-880aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	27.3kDa
Protein Length	Partial



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.