



Recombinant Human NUP153 Protein Product Manual

1. Product Basic Information

Product No.: REP07664

Protein Name: Nucleoporin 153 (NUP153)

Aliases: N153; HNUP153; nucleoporin 153; nucleoporin 153kD; nucleoporin 153kDa; nucleoporin Nup153; 153 kDa nucleoporin; nuclear pore complex protein Nup153; nuclear pore complex protein hnup153

UniProt ID: P49790

UniProt Link: <https://www.uniprot.org/uniprotkb/P49790/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (657-880aa)

Molecular Weight: 27.3kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (657-880aa)

KAGSSWQCDTCLLQNKVTDNKCIAQAAKLSPRDTAKQTGIETPNKSGKTTLSASG
TGFGDKFKPVIQGTWDCDTCLVQNKPEAIKCVACETPKPGTCVKRALTLTVVSESAET
MTASSSSCTVTTGTLGFGDKFKRPIGSWECSVCCVSNNNAEDNKCVCSCMSEKPGSS
VPASSSSTVPVSLPSGGSLGLEKFKKPEGSWDCELCLVQNKADSTKCLACESAKP
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3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human NUP153 partial protein (657-880aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. NUP153, also known as N153 or HNUP153 or nucleoporin 153, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.