



Recombinant Human NUP85 Protein Product Manual

1. Product Basic Information

Product No.: REP07668

Protein Name: Nucleoporin 85 (NUP85)

Aliases: Nup75; FROUNT; NPHS17; nucleoporin 85; nucleoporin 85kDa; nucleoporin Nup75; nucleoporin Nup85; nuclear pore complex protein Nup85

UniProt ID: Q9BW27

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9BW27/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-656aa)

Molecular Weight: 82.5 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (1-656aa)

MEELDGEPTVTLIPGVNSKKNQMYFDWGPGEMLVCETSFNKKEKSEMVPSCPFYII
RKDVDVYSQILRKLFNESHGIFLGLQRIDEELTGKSRKSQLVRVSKNYRSVIRACME
EMHQVAIAAKDPANGRQFSSQVSILSAMELIWNLCILFIEVAPAGPLLLHLLDWVRL
HVCEVDSLSDVLSSENPSKHDSFWNLVTILVLQGRLEARQMLSKEADASPASAG
ICRIMGDLMTMPILSPGNTQTLTELELKWQHWHEECERYLQDSTFATSPHLESLLK
IMLGDEAALLEQKELLSNWWYHFLVTRLLYSNPTVKPIDLHYAQSLLDLFLGGESSP
EPLDNILLAAFEFDIHQVIKECSIALSNWWFVAHLTDLLDHCKLLQSHNLYFGSNMRE
FLLLEYASGLFAHPSLWQLGVDYFDYCPGLGRVSLELHIERIPLNTEQKALKVLRICE
QRQMTEQVRSICKILAMKAVRNNRLGSALSWSIRAKDAAFATLVSDRFLRDYICRG
CFSDLDLIDNLGPAMMLSDRLTFLGKYREFHRMYGEKRFADAASLLLSLMTSRIAPR
SFWMTLLTDALPLLEQKQVIFSAEQTYELMRCLDLTSRRPVHGESDTEQLQDDIE
TTKVEMLRLSLARNLARAIIREGSLEGS

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)

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 NUP85 full length protein (1-656aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. NUP85, also known as Nup75 or FROUNT or NPHS17, 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.