



# Recombinant Human Nuclear pore complex protein Nup85 (NUP85)

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| <b>Product Code</b>      | CSB-EP874821HU-B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Abbreviation</b>      | NUP85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Uniprot No.</b>       | Q9BW27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen Species</b> | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Sequence</b>          | MEELDGPTV TLIPGVNSKK NQMYFDWGPG EMLVCETSFN KKEKSEMVPS<br>CPFIYIRKD VDVYSQILRK LFNESHGIFL GLQRIDEELT GKSRKSQLVR<br>VSKNYRSVIR ACMEEMHQVA IAAKDPANGR QFSSQVSILS AMELIWNLC<br>ILFIEVAPAG PLLHLLDWV RLHVCEVDSL SADVLGSENP SKHDSFWNLV<br>TILVLQGRLD EARQMLSKEA DASPASAGIC RIMGDLMRTM PILSPGNTQT<br>LTELKWKQH WHEECERYLQ DSTFATSPHL ESKKIMLGD EAALLEQKEL<br>LSNWHYHFLVT RLLYSNPTVK PIDLHYAQS SLDFLGGES SPEPLDNILL<br>AAFEFDIHQV IKECSIALSN WWFVAHLTDL LDHCKLLQSH NLYFGSNMRE<br>FLLLEYASGL FAHPSLWQLG VDYFDYCPEL GRVSLELHIE RIPLNTEQKA<br>LKVLRIEQR QMTEQVRSIC KILAMKAVRN NRLGSALSWS IRAKDAAFAT<br>LVSDRFLRDY CERGCFSDLD LIDNLGPAMM LSDRLTFLGK YREFHRMYGE<br>KRFADAASLL LSLMTSRIAP RSFWMTLLTD ALPLLEQKQV IFSAEQTYEL<br>MRCLEDLTSR RPVHGSDTE QLQDDDIETT KVEMLRLSLA RNLARAIIRE<br>GSLEGS |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Target Names</b>      | NUP85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Protein Names</b>     | Recommended name: Nuclear pore complex protein Nup85 Alternative name(s): 85 kDa nucleoporin FROUNT Nucleoporin Nup75 Nucleoporin Nup85 Pericentrin-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Expression Region</b> | 1-656                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Protein Length</b>    | full length protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Target Details</b>    | Bidirectional transport of macromolecules between the cytoplasm and nucleus occurs through nuclear pore complexes (NPCs) embedded in the nuclear envelope. NPCs are composed of subcomplexes, and NUP85 is part of one                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |



such subcomplex, Nup107-160.

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**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.

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**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.