# Recombinant Human Kinetochore protein Nuf2 (NUF2)

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| **Product Code** | CSB-MP871623HU |
| **Abbreviation** | NUF2 |
| **Storage** | 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. |
| **Uniprot No.** | Q9BZD4 |
| **Product Type** | Recombinant Protein |
| **Immunogen Species** | Homo sapiens (Human) |
| **Purity** | ≥85% (SDS-PAGE) |
| **Sequence** | METLSFPRYN VAEIVIHIRN KILTGADGKN LTKNDLYPNP KPEVLHMIYM RALQIVYGIR LEHFYMMPVN SEVMYPHLME GFLPFSNLVT HLDSFLPICR VNDFETADIL CPKAKRTSRF LSGIINFIHF REACRETYME FLWQYKSSAD KMQQLNAAHQ EALMKLERLD SVPVEEQEEF KQLSDGIQEL QQSLNQDFHQ KTIVLQEGNS QKKSNISEKT KRLNELKLSV VSLKEIQESL KTKIVDSPEK LKNYKEKMKD TVQKLKNARQ EVVEKYEIYG DSVDCLPSCQ LEVQLYQKKI QDLSDNREKL ASILKESLNL EDQIESDESE LKKLKTEENS FKRLMIVKKE KLATAQFKIN KKHEDVKQYK RTVIEDCNKV QEKRGAVYER VTTINQEIQK IKLGIQQLKD AAEREKLKSQ EIFLNLKTAL EKYHDGIEKA AEDSYAKIDE KTAELKRKMF KMST |
| **Source** | Mammalian cell |
| **Target Names** | NUF2 |
| **Protein Names** | Recommended name: Kinetochore protein Nuf2 Short name= hNuf2 Short name= hNuf2R Short name= hsNuf2 Alternative name(s): Cell division cycle-associated protein 1 |
| **Expression Region** | 1-464 |
| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| **Tag Info** | Tag type will be determined during the manufacturing process. |
| **Protein Length** | full length protein |
| **Target Details** | This gene encodes a protein that is highly similar to yeast Nuf2, a component of a conserved protein complex associated with the centromere. Yeast Nuf2 disappears from the centromere during meiotic prophase when centromeres lose their connection to the spindle pole body, and plays a regulatory role in chromosome segregation. The encoded protein is found to be associated with centromeres of mitotic HeLa cells, which suggests that this protein is a functional homolog of yeast Nuf2. Alternatively spliced transcript variants that |

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| | encode the same protein have been described. |
| **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.<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. |