

Recombinant Human NUF2 Protein, GST-Tagged

Cat. No. NUF2-1320H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NUF2 full-length ORF (AAH08489, 1 a.a. - 464 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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 encode the same protein have been described. [provided by RefSeq, Jul 2008]
Molecular Mass	76.78 kDa
AA Sequence	METLSFPRYNVAEIVHIRNKILTGADGKNLTKNDLYPNPKPEVLHMIYMRALQIVYGI RLEHFYMMMPVNSEVMYPHLMEGFLPFSNLVTHLDSFLPICRVNDFETADILCPKAKR TSRFLSGIINFIFHREACRETYMEFLWQYKSSADKMQQLNAAHQEALMKLERLDSVP VEEQEEFKQLSDGIQELQQSLNQDFHQKTIVLQEGNSQKKSNISEKTKRLNELKLSV VSLKEIQESLTKIVDSPEKLKNYKEKMKD TVQKLKNARQEVVEKEYEYIGDSVDCLPS CQLEVQLYQKKIQDLSDNREKLASILKESLNLEDQIESDESELKKLKTEENSFKRLMIV

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KKEKLATAQFKINKKHEDVKQYKRTVIEDCNKVQEKRGAVYERVTTINQEIQKIKLGIQ
QLKDAAEREKLKSQEIFLNLKTALEKYHDGIEKAAEDSYAKIDEKTAELKRKMFKMST

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

NUF2 NUF2, NDC80 kinetochore complex component, homolog (S. cerevisiae) [Homo sapiens]

Official Symbol

NUF2

Synonyms

NUF2; NUF2, NDC80 kinetochore complex component, homolog (S. cerevisiae); CDCA1, cell division cycle associated 1; kinetochore protein Nuf2; cancer/testis antigen 106; CT106; NUF2R; hNuf2; hNuf2R; hsNuf2; cell division cycle associated 1; cell division cycle-associated protein 1; CDCA1;

Gene ID

83540

mRNA Refseq

NM_031423

Protein Refseq

NP_113611

MIM

611772

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UniProt ID

Q9BZD4

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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