

Recombinant Full Length Human NUF2 Protein, GST-tagged

Cat. No. NUF2-3392HF 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	In Vitro Cell Free System
Protein Length	464 amino acids
Description	<p>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]</p>
Molecular Mass	76.78 kDa
AA Sequence	<p>METLSFPRYNVAEIVHIRNKILTGADGKNLTKNDLYPNPKPEVLHMIYMRALQIVYGI RLEHFYMMPVNSEVMYPHLMEGFLPFSNLVTHLDSFLPICRVNDFETADILCPKAKR TSRFLSGIINFIHFREACRETYMEFLWQYKSSADKMQQLNAAHQEALMKLERLDSVP VEEQEEFKQLSDGIQELQQSLNQDFHQKTIVLQEGNSQKKSNISEKTKRLNELKLSV VSLKEIQESLTKKIVDSPEKLNKYKEKMKDVTQKLNARQEVVEKEYEYIGDSVDCLPS</p>

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CQLEVQLYQKKIQDLSDNREKLASILKESLNLEDQIESDESELKKLKTEENSFKRLMIV
 KKEKLATAQFKINKKHEDVKQYKRTVIEDCNKVQEKRGAVERYERTTINQEIQKIKLGIQ
 QLKDAAEREKLSQEIFLNLKTALEKYHDGIEKAAEDSYAKIDEKTAELKRKMFKMST

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](#)

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MIM	611772
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UniProt ID	Q9BZD4
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