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
ProteinLength	464 amino acids
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	METLSFPRYNVAEIVIHIRNKILTGADGKNLTKNDLYPNPKPEVLHMIYMRALQIVYGI RLEHFYMMPVNSEVMYPHLMEGFLPFSNLVTHLDSFLPICRVNDFETADILCPKAKR TSRFLSGIINFIHFREACRETYMEFLWQYKSSADKMQQLNAAHQEALMKLERLDSVP VEEQEEFKQLSDGIQELQQSLNQDFHQKTIVLQEGNSQKKSNISEKTKRLNELKLSV VSLKEIQESLKTKIVDSPEKLKNYKEKMKDTVQKLKNARQEVVEKYEIYGDSVDCLPS

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	CQLEVQLYQKKIQDLSDNREKLASILKESLNLEDQIESDESELKKLKTEENSFKRLMIV 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
UniProt ID	Q9BZD4

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