

Datasheet for ABIN7560453  
**NUF2 Protein (AA 1-463) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	NUF2
Protein Characteristics:	AA 1-463
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NUF2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Nuf2 Protein expressed in mammalien cells.
Sequence:	<p>METLSFPRYN VAELVWHIRN KLLTGADGKN LSKSDFLPNP KSDVLYMIYM KALQLVYGVR  LEHFYMMPMN IEVTYPHLMG GFLPVRSLFF YMDSFMPICR VNDFEIVDIL NPRTNRTSRF  LSGIINFIHF RETCLEKCEE FLLQNKSSMV RMQQLSNVHQ EALMKLEKLN TVPAEEREFF  KQFMDDIQEL QHLLNEEFRQ KTTLLQEEYA KMKSDISEKT KHLNEQKLSL VSLKEVEDNL  KSKIVDSPEK LKNYKDKMKG TVQKLRSARE KVMEQYDIYR DSVDCLPSCQ LEVQLYQKKS  QDLADNREKL SLLKESLNL EDQIESDSSE LKKLKTEENS LIRMTTVKKE KLATARFKIN  KKQEDVKHYK QAMIEDCNKV QEKRDVCEQ VTTVNQEIHK IKSAIQQLRD TKKREILKSQ  EIFVNLKSAL EKYHEGIEKV AEERSAKLEE KTAELKKRMV RMV <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>

## Product Details

### Characteristics:

### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

### Grade:

custom-made

## Target Details

### Target:

NUF2

### Alternative Name:

Nuf2 ([NUF2 Products](#))

### Background:

Kinetochores protein Nuf2 (Cell division cycle-associated protein 1),FUNCTION: Acts as a component of the essential kinetochore-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity. Required for kinetochore integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochore. The NDC80 complex synergistically enhances the affinity of the SKA1 complex for microtubules and may allow the NDC80 complex to track depolymerizing microtubules. {ECO:0000250|UniProtKB:Q9BZD4}.

### Molecular Weight:

54.6 kDa

### UniProt:

[Q99P69](#)

### Pathways:

[Maintenance of Protein Location](#)

## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
--------------------	--

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months