



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### NUP98 (Human) Recombinant Protein (P01)

**Catalog Number:** H00004928-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human NUP98 full-length ORF (AAH12906.1, 1 a.a. - 606 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MKLYQTPLELKLKHSTVHVDELCP LIPNLGVAVIHDYA  
DWVKEASGDLPEAQIVKHWLSTWTLCEALWGHKEL  
DSQLNEPREYIQILERRRAF SRWLSCTATPQIEEEVSL  
TQKNPVEAVFSYLTGKRISACSLAQSGDHR LALLL  
SQFVGSQSVRELLTMQLVDWHQLQADSF IQDERLRIF  
ALLAGKPVWQLSEKKQINVC SQLDWKRSLAIHLWYLL  
PPTASISRALSMYEEAFQNTSDSDRYACSP LPSYLEGS  
GCVIAEEQNSQTPLRDVCFHLLKLYSDRHYDLNQLLEP  
RSITADPLDYRLSWHLWEVLRALNYTHLSAQCEGV LQ  
ASYAGQLESEGLWEWAIFVLLHIDNSGIREKAVRELLT  
RHCQLETPESWAKETFLTQKLRVPAKWIHEAKAVRA  
HMESDKHLEALCLFKA EHWNRCHKLIIRHLASDAIINEN  
YDYLKG FLEDLAPPERSLIQDWETSGLVYLDYIRVIEM  
LRHIQQVDCSGNDLEQLHIKVTSLCSRIEQIQCYSAKD  
RLAQSDMAKR VANLLRVVLSLHHPDRTSDSTPDPQR  
VPLRLLAPHIGRLPMPEDYAMDELRS LTQSYLRELA VGS  
SL

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 92.4

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

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

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4928

**Gene Symbol:** NUP98

**Gene Alias:** ADIR2, NUP196, NUP96

**Gene Summary:** Signal-mediated nuclear import and export proceed through the nuclear pore complex (NPC), which is comprised of approximately 50 unique proteins collectively known as nucleoporins. The 98 kD nucleoporin is generated through a biogenesis pathway that involves synthesis and proteolytic cleavage of a 186 kD precursor protein. This cleavage results in the 98 kD nucleoporin as well as a 96 kD nucleoporin, both of which are localized to the nucleoplasmic side of the NPC. Rat studies show that the 98 kD nucleoporin functions as one of several docking site nucleoporins of transport substrates. The human gene has been shown to fuse to several genes following chromosome translocations in acute myelogenous leukemia (AML) and T-cell acute lymphocytic leukemia (T-ALL). This gene is one of several genes located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. Alternative splicing of this gene results in several transcript variants; however, not all variants have been fully described. [provided by RefSeq]