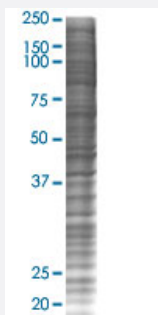


# NUP98 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004928-T03

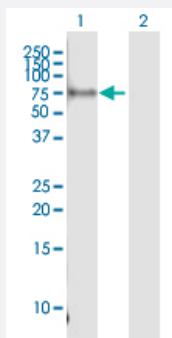
Size 100 uL

## Applications



### SDS-PAGE Gel

NUP98 transfected lysate.



### Western Blot

Lane 1: NUP98 transfected lysate ( 66.77 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-NUP98 full-length
Host	Human
Theoretical MW (kDa)	66.77
Quality Control Testing	<p>Transient overexpression cell lysate was tested with Anti-VSNL1 antibody (<a href="#">H00004928-B01</a>) by Western Blots.</p> <p>SDS-PAGE Gel</p> <p>NUP98 transfected lysate.</p> <p>Western Blot</p> <p>Lane 1: NUP98 transfected lysate ( 66.77 KDa)</p> <p>Lane 2: Non-transfected lysate.</p>

<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — NUP98

<b>Entrez GeneID</b>	<a href="#">4928</a>
<b>GeneBank Accession#</b>	<a href="#">BC012906.1</a>
<b>Protein Accession#</b>	<a href="#">AAH12906.1</a>
<b>Gene Name</b>	NUP98
<b>Gene Alias</b>	ADIR2, NUP196, NUP96
<b>Gene Description</b>	nucleoporin 98kDa
<b>Omim ID</b>	<a href="#">601021</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

<b>Gene Summary</b>	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]
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<b>Other Designations</b>	GLFG-repeat containing nucleoporin Nup98-Nup96 OTTHUMP00000013819 OTTHUMP00000013967 nucleoporin 98kD
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## Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)