



# 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

### RTN4 (Human) Recombinant Protein (P02)

**Catalog Number:** H00057142-P02

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

**Product Description:** Human RTN4 full-length ORF ( NP\_065393.1, 1 a.a. - 1192 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MEDLDQSPVLVSSSDSPRPQPAFKYQFVREPEDEEEE  
EEEEEEDEDEDLEELVLERKPAAGLSAAPVPTAPAA  
GAPLMDFGNDVFPAPRGLPAAPPVAPERQPSWDP  
SPVSTVPAPSPLSAAVSPSKLPEDDEPPARPPPPP  
PASVSPQAEPVWTPAPAPAAPPSTPAAPKRRGSSG  
SVDETLFALPAASEPVIRSSAENMDLKEQPGNTISAGQ  
EDFPSVLLETAASLPSLPLSAAFSKEHEYLGNLSTVLP  
TEGTLQENVSEASKEVSEKAKTLLIDRDLTEFSELEYS  
EMGSSFSVSPKAESAVIVANPREEIVKNKDEEEKLVS  
NNILHNQQELPTALTKLVKEDEVVSSEKAKDSFNEKRV  
AVEAPMREEYADFKPFERVWEVKDSKEDSDMLAAGG  
KIESNLESKVDKCKFADSLEQTNHEKDESSNDDTSFP  
STPEGIKDRSGAYITCAPFNPAATESIATNIFLLGDPTS  
ENKTDEKKIEEKKAQIVTEKNTSTKTSNPFLVAAQDSE  
TDYVTTDNLTKVTEEVANMPEGLTPDLVQEACESEL  
NEVTGTKIAYETKMDLVQTSEVMQESLYPAAQLCPSF  
EESATPSPVLPDIVMEAPLNSAVPSAGASVIQPSSSP  
LEASSVNYESIKHEPENPPPYEEAMSVSLKVKSGIKKEI  
KEPENINAALQETEAPYISIACDLIKETKLSAEPAPDFSD  
YSEMAKVEQVPDPHSELVEDSSPDSEPVDLFSDDSIP  
DVPQKQDETVMLVKESLTETSFESMIEYENKEKLSALP  
PEGGKPYLESFKLSLDNTKDTLLPDEVSTLSKKEKIPLQ  
MEELSTAVYSNDDLFIKAEQIRETETFSDDSSPIIIDEF  
PTLISSKTDSFSKLAREYTDLEVSHKSEIANAPDGAGSL  
PCTELPHDLSLKNIQPKVEEKISFSDDFSKNGSATSQVLL  
LLPPDVSAATQAEIESIVKPKVLVKEAEKLPDSTEKE  
DRSPSAIFSAELSKTSVVDLLYWRDIKKTGVVFGASLFL  
LLSLTVFSIVSVTAYIALALLSVTISFRIYKGVIAIQKSDE  
GHPFRAYLESEVAISEELVQKYSNSALGHVNCTIKELR  
RLFLVDDLVDLSLKFVLMWVFTYVGFNGLTLLILALI  
SLFVSPVIYERHQAQIDHYLGLANKNVKDAMAKIQAKIP  
GLKRKAE

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

**Theoretical MW (kDa):** 156.3

**Interspecies Antigen Sequence:** Mouse (75); Rat (75)

**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:** 57142

**Gene Symbol:** RTN4

**Gene Alias:** ASY, NI220/250, NOGO, NOGO-A, NOGOC, NSP, NSP-CL, Nbla00271, Nbla10545, Nogo-B, Nogo-C, RTN-X, RTN4-A, RTN4-B1, RTN4-B2, RTN4-C

**Gene Summary:** This gene belongs to the family of reticulon encoding genes. Reticulons are associated with the endoplasmic reticulum, and are involved in neuroendocrine secretion or in membrane trafficking in neuroendocrine cells. The product of this gene is a potent neurite outgrowth inhibitor which may also help block the regeneration of the central nervous system in higher vertebrates. Alternatively spliced transcript variants derived both from differential splicing and differential promoter usage and encoding different isoforms have been identified. [provided by RefSeq]