



# 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

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## Datasheet

### NBN (Human) Recombinant Protein (P01)

**Catalog Number:** H00004683-P01

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

**Product Description:** Human NBN full-length ORF (BAG35323.1, 1 a.a. - 754 a.a.) recombinant protein with GST tag at N-terminal.

**Sequence:**

MWKLPAAGPAGGEPYRLLTGVEYVVGRKNCAILIEN  
DQSISRNHAVLTANFSVTNLSQTDEIPVLTLDNSKYG  
TFVNEEKMQNGFSRTLKSGDGITFGVFGSKFRIEYEP  
VACSSCLDVSGKTALNQAILQLGGFTVNNWTEECTHL  
VMVSVKVTIKTICALICGRPIVKPEYFTEFLKAVQSKKQ  
PPQIESFYPPLEPSIGSKNVDLSGRQERKQIFKGKTFI  
FLNAKQHKKLSSAVVFGGGEARLITEENEEHNFFLAP  
GTCVVDGTITNSQTLIPDCQKKWIQSIMDMLQRQGLRP  
IPEAEIGLAVIFMTTKNYCDPQGHSTGLKTTTPGPSLS  
QGVSVDEKLMPSAPVNTTTYVADTESEQADTWDLSE  
RPKEIKVSKMEQKFRMLSQDAPTVEKESCTSSNNNSM  
VSNTLAKMRIPNYQLSPTKLPSINKSKDRASQQQTNS  
IRNYFQPSTKKRERDEENQEMSSCKSARIETSCSLEQ  
TQPATPSLWKNKEQHLENEPVDTNSDNNLFTDLDL  
SIVKNSASKSHAAEKLRSNKKREMDDVAIEDEVLEQLF  
KDTKPELEIDVKVQKQEEVDNVRKRPRMDIETNDTFS  
DEAVPESSKISQENEIGKKRELKEDSLWSAKEISNNDK  
LQDDSEMLPKLLLLTEFRSLVIKNSTSRNPSGINDDYG  
QLKNFKFKFKVTYPGAGKLPHIIGGSDLIAHHARKNTEL  
EEWLRQEMEVQNQHAKKEESLADDLFRYNPYLKRRR

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

**Theoretical MW (kDa):** 111.4

**Interspecies Antigen Sequence:** Mouse (70); Rat (69)

**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:** 4683

**Gene Symbol:** NBN

**Gene Alias:** AT-V1, AT-V2, ATV, FLJ10155, MGC87362, NBS, NBS1, P95

**Gene Summary:** Mutations in this gene are associated with Nijmegen breakage syndrome, an autosomal recessive chromosomal instability syndrome characterized by microcephaly, growth retardation, immunodeficiency, and cancer predisposition. The encoded protein is a member of the MRE11/RAD50 double-strand break repair complex which consists of 5 proteins. This gene product is thought to be involved in DNA double-strand break repair and DNA damage-induced checkpoint activation. [provided by RefSeq]