



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### NTS (Human) Recombinant Protein (P01)

**Catalog Number:** H00004922-P01

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

**Product Description:** Human NTS full-length ORF ( NP\_006174.1, 1 a.a. - 170 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MMAGMKIQLVCMLLLAFSSWSLCS DSEEEMKALEADF  
LTNMHTSKISKAHVPSWKMTLLNVCSLVNNLNSPAEE  
TGEVHEEELVARRKLPTALDGFSL EAMLT IYQLHKICH  
SRAFQHWELIQEDILDTGNDKNGKEEVIKRKIPYILKRQ  
LYENKPRRPYILKRDSYYY

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

**Theoretical MW (kDa):** 46.2

**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:** 4922

**Gene Symbol:** NTS

**Gene Alias:** NMN-125, NN, NT, NT/N, NTS1

**Gene Summary:** This gene encodes a common precursor for two peptides, neuromedin N and neurotensin. Neurotensin is a secreted tridecapeptide,

which is widely distributed throughout the central nervous system, and may function as a neurotransmitter or a neuromodulator. It may be involved in dopamine-associated pathophysiological events, in the maintenance of gut structure and function, and in the regulation of fat metabolism. Tissue-specific processing may lead to the formation in some tissues of larger forms of neuromedin N and neurotensin. The large forms may represent more stable peptides that are also biologically active. [provided by RefSeq]