



# 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

### NTRK2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00004915-P01

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

**Product Description:** Human NTRK2 full-length ORF ( AAH31835, 1 a.a. - 477 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSSWIRWHGPAMARLWGFVWVGGFWRAAFACPTS  
CKCSASRIWCSDFSPGIVAFPRLEPNSVDPENITEIFIA  
NQKRLEIINEDDVEAYVGLRNLTIVDSGLKFVAHKAFLK  
NSNLQHINFTRNKLTSLSRKHFRHLDLSELILVGNPFTC  
SCDIMWIKTLQEAKSSPDTQDLYCLNESSKNIPLANLQI  
PNCGLPSANLAAPNLVVEEGKSITLSCSVAGDPVPM  
YWDVGNLVS KHMNETSHTQGSLRITNISSDDSGKQIS  
CVAENLVGEDQDSVNLTVHFAPTITFLESPTSDDHHCWCI  
PFTVKGNPKPALQWFYNGAILNESKYICTKIHVTNHTE  
YHGCLQLDNPTHMNGDYTLIAKNEYGKDEKQISAHF  
MGWPGIDDGANPNYPDVIYEDYGTAANDIGDTTNRSN  
EIPSTDVTDKGTREHLSVYAVVVIASVVGFCLLVMLFLL  
KLARHSKFGMKGFVLFHFKIPLDG

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

**Theoretical MW (kDa):** 78.21

**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:** 4915

**Gene Symbol:** NTRK2

**Gene Alias:** GP145-TrkB, TRKB

**Gene Summary:** This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation. Mutations in this gene have been associated with obesity and mood disorders. Alternate transcriptional splice variants encoding different isoforms have been found for this gene. [provided by RefSeq]