



# 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

### TARDBP (Human) Recombinant Protein (P02)

**Catalog Number:** H00023435-P02

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

**Product Description:** Human TARDBP full-length ORF (NP\_031401.1, 1 a.a. - 414 a.a.) recombinant protein with GST tag at N-terminal.

**Sequence:**

MSEYIRVTEDENDIEIPSEDDGTVLLSTVTAQFPGA  
CGLRYRNPVSQCMRGVRLVEGILHAPDAGWGNLVYV  
VNYPKDNKRKMDDETDAASAVKVKRAVQKTS DLIVLGL  
PWKTTEQDLKEYFSTFGEVLMVQVKDKLKTGHSKGF  
GFVRFTEYETQVKVMSQRHMIDGRWCDCKLPNSKQS  
QDEPLRSRKVFVGRCTEDMTEDELREFFSQYGDVMD  
VFIPKPFRAFAFVTFADDQIAQSLCGEDLIKGISVHISN  
AEPKHNSNRQLERSGRFGGNPGGFGNQQGGFGNSRG  
GGAGLGNNQGSNMGGGMNFGAFSINPAMMAAAQAA  
LQSSWGMMGLASQQNQSGPSGNNQNQGNMQREP  
NQAFGSGNNSYSGSNSGAAIGWGSASNAGSGSGFN  
GGFGSSMDSKSSGWGM

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

**Theoretical MW (kDa):** 71.1

**Interspecies Antigen Sequence:** Mouse (96)

**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:** 23435

**Gene Symbol:** TARDBP

**Gene Alias:** ALS10, TDP-43

**Gene Summary:** HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. The protein encoded by this gene is a transcriptional repressor that binds to chromosomally integrated TAR DNA and represses HIV-1 transcription. In addition, this protein regulates alternate splicing of the CFTR gene. A similar pseudogene is present on chromosome 20. [provided by RefSeq]