



# 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

### HTRA4 (Human) Recombinant Protein (P01)

**Catalog Number:** H00203100-P01

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

**Product Description:** Human HTRA4 full-length ORF (AAH57765.1, 1 a.a. - 476 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MIRPQLRTAGLGRCLLPGLLLLLVPVLWAGA EKLHTQP  
SCPAVCQPTRCPALPTCALGTPVFDLCRCCRVCPAA  
EREVCGGAQQGPCAPGLQCLQPLRPGFPSTCGCPTL  
GGAVCGSDRRTYPSMCALRAENRAARRLGKVPVAVPV  
QWGNCGDTGTRSAGPLRRNYNFIAAVVEKVAPSVVH  
VQLWGRLLHGSRLVPVYSGSGFVSEDGLIITNAHVVR  
NQQWIEVVLQNGARYEAVVKDIDLKDLAVIKIESNAEL  
PVLMLGRSSDLRAGEFVVALGSPFSLQNTATAGIVSTK  
QRGGKELGMKDSMDYVQIDATINYGNSGGPLVNL  
GDVIGVNSLRVTDGISFAIPSDRVRQFLAEYHEHQMKG  
KAFSNKKYLGLQMLSLTVPLSEELKMHYDPDPDVSSG  
VYVCKVFEGTAAQSSGLRDHDVIVNINGKPITTTTDDVV  
KALDSDSLSMAVLRGKDNLLLTVIPETIN

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

**Theoretical MW (kDa):** 77.4

**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:** 203100

**Gene Symbol:** HTRA4

**Gene Alias:** FLJ90724

**Gene Summary:** This gene encodes a member of the HtrA family of proteases. The encoded protein contains a putative signal peptide, an insulin growth factor binding domain, a Kazal protease inhibitor domain, a conserved trypsin domain and a PDZ domain. Based on studies on other related family members, this enzyme may function as a secreted oligomeric chaperone protease to degrade misfolded secretory proteins. Other human HtrA proteins have been implicated in arthritis, tumor suppression, unfolded stress response, apoptosis, and aging. [provided by RefSeq]