



# 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

### ST14 (Human) Recombinant Protein (P01)

**Catalog Number:** H00006768-P01

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

**Product Description:** Human ST14 full-length ORF (AAH30532.1, 1 a.a. - 855 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MGSDRARKGGGGPKDFGAGLKYNSRHEKVNGLEEG  
VEFLPVNNVKKVEKHGPRWVVLAAVLIGLLLVLLGIG  
FLVWHLQYRDVVRVQKVFNGYMRITNENFVDAYENSN  
STEFVSLASKVKDALKLLYSGVPFLGPYHKESAVTAFS  
EGSVIAYYWSEFSIPQHLVEEAERVMAEERVVMLPPR  
ARSLKSFVVTSVVAFPTDSKTQRTQDNSCSFGLHAR  
GVELMRFTTPGFDPSPYPAHARCQWALRGDADSVLS  
LTFRSFDLASCDEGRSDLVTVYNTLSPMEPHALVQLC  
GTYPPSYNLTFHSSQNVLLITLITNERRHPGFEATFFQ  
LPRMSSCGRLRKAQGTFNPPYYPGHYPPNIDCTWNI  
EVPNNQHVKVRKFFYLLEPGVPAGTCPKDYVEINGE  
KYCGERSQFVVTSSNSKITVRFHSDQSYTDTGFLAEY  
LSYDSSDPCPGQFTCRTGRCIRKELRCDGWADCTDH  
SDELNCSCDAGHQFTCKNKFCPLFWVCDVNDGCGD  
NSDEQGCSCPAQTFRCNSGKCLSKSQQCNGKDDCG  
DGSDEASCPKVVVVTCTKHTYRCLNGLCLSKGNPEC  
DGKEDCSDGSDEKDCDGLRSFTRQARVVGTDADA  
GEWPWQVSLHALGQGHICGASLISPWLVSAAHCYID  
DRGFRYSDPTQWTAFLGLHDQSQRSAPGVQERRLKR  
IISHPFNDFTFDYDIALLELEKPAEYSSMVRPICLPDAS  
HVFPAGKAIWVTGWGHTQYGGTGALILQKGEIRVINQT  
TCENLLPQQITPRMMCVGFLSGGVDSQCQGDGSGPLS  
SVEADGRIFQAGVVSWGDGCAQRNKPGVYTRLPLFR  
DWIKENTGV

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

**Theoretical MW (kDa):** 121.2

**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:** 6768

**Gene Symbol:** ST14

**Gene Alias:** HAI, MT-SP1, MTSP-1, MTSP1, PRSS14, SNC19, TADG-15

**Gene Summary:** The protein encoded by this gene is an epithelial-derived, integral membrane serine protease. This protease forms a complex with the Kunitz-type serine protease inhibitor, HAI-1, and is found to be activated by sphingosine 1-phosphate. This protease has been shown to cleave and activate hepatocyte growth factor/scattering factor, and urokinase plasminogen activator, which suggest the function of this protease as an epithelial membrane activator for other proteases and latent growth factors. The expression of this protease has been associated with breast, colon, prostate, and ovarian tumors, which implicates its role in cancer invasion, and metastasis. [provided by RefSeq]