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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ST14 (Human) Recombinant Protein (Q01)

Catalog Number: H00006768-Q01

Regulation Status: For research use only (RUO)

Product Description: Human ST14 partial ORF (NP_068813, 298 a.a. - 400 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

PPSYNLTFHSSQNVLLITLITNTERRHPGFEATFFQLPR
MSSCGGRLRKAQGTFNSPYYPGHYPNIDCTWNIEVP
NNQHVKVRFKFFYLLEPGVPAGTCPKD

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 37.07

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]