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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SERPINH1 (Human) Recombinant Protein (P01)

Catalog Number: H00000871-P01

Regulation Status: For research use only (RUO)

Product Description: Human SERPINH1 full-length ORF (AAH14623.1, 1 a.a. - 418 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MRSLLLLSAFCLLEAALAAEVKKPAAAAAPGTAEKLS
KAATLAERSAGLAFSLYQAMAKDQAVENILVSPVVVAS
SLGLVSLGGKATTASQAKAVLSAEQLRDEEVHAGLGE
LLRSLNSTARNVTWKLGSRLYGSSVSFADDFVRSS
KQHYNCEHSKINFRDKRSALQSINEWAAQTTDGKLPE
VTKDVERTDGALLVNAMFFKPHWDEKFFHMKMVDNRG
FMVTRS YTVGVMMHRTGLYNYDDEKEKLQIVEMP
LAHKLSSLILMPHHVEPLERLEKLLTKEQLKIWMGKMQ
KKAVAI SLPKGVVEVTHDLQKHLAGLGLTEAIDKNKAD
LSRMSGKKDLYLASVFHATAFELDTDGNPFDQDIYGR
EELRSPKLFYADHPFIFLVRDTQSGSLLFIGRLVRPKGD
KMRDEL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 71.72

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: 871

Gene Symbol: SERPINH1

Gene Alias: AsTP3, CBP1, CBP2, HSP47, PIG14, PPROM, RA-A47, SERPINH2, gp46

Gene Summary: This gene encodes a member of the serpin superfamily of serine proteinase inhibitors. Its expression is induced by heat shock. The protein localizes to the endoplasmic reticulum lumen and binds collagen; thus it is thought to be a molecular chaperone involved in the maturation of collagen molecules. Autoantibodies to this protein have been found in patients with rheumatoid arthritis. [provided by RefSeq]