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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SEMG1 (Human) Recombinant Protein (P01)

Catalog Number: H00006406-P01

Regulation Status: For research use only (RUO)

Product Description: Human SEMG1 full-length ORF (AAH07096.1, 1 a.a. - 402 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MKPNIIFVLSLLILEKQAAVMGQKGGSKGRLPSEFSQ
FPHGQKQGQHYSGQKQKQQTESKGSFSIQYTYHVDAN
DHDQSRKSQQYDLNALHKTTKSQRHLGGSQQLLHNK
QEGRDHDKSKGHFHRVVIHHKGGKAHRGTQNPSQD
QGNSPSGKGISSQYSNTEERLWVHGLSKEQTSVSGA
QKGRKQGGSSSYVLQTEELVANKQQRETKNSHQNK
GHYQNVVEVREEHSSKVQTSLCPAHQDKLQHGSKDIF
STQDELLVYNKNQHQTKNLNQDQQHGRKANKISYQS
SSTEERRLHYGENGVQKDVSQRSISQTEKLVAGKSQ
IQAPNPKQEPWHGENAKGESGQSTNREQDLLSHEQK
GRHQHGSHGGLDIVIEQEDDSRHLAQLNNDQNPL
FT

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 71.7

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: 6406

Gene Symbol: SEMG1

Gene Alias: MGC14719, SEMG, SGI

Gene Summary: The protein encoded by this gene is the predominant protein in semen. The encoded secreted protein is involved in the formation of a gel matrix that encases ejaculated spermatozoa. The prostate-specific antigen (PSA) protease processes this protein into smaller peptides, with each possibly having a separate function. The proteolysis process breaks down the gel matrix and allows the spermatozoa to move more freely. [provided by RefSeq]