



# SZABO SCANDIC

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## Produktinformation



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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### MSLN (Human) Recombinant Protein (Q01)

**Catalog Number:** H00010232-Q01

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

**Product Description:** Human MSLN partial ORF ( NP\_005814, 464 a.a. - 563 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

DLDTCDPRQLDVLYPKARLAFQNMNGSEYFVKIQSFL  
GGAPTEDLKALSQQNVSMDLATFMKLRTDAVLPLTVA  
EVQKLLGPHVEGLKAEERHRPVRDWI

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

**Theoretical MW (kDa):** 36.74

**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:** 10232

**Gene Symbol:** MSLN

**Gene Alias:** CAK1, MPF, SMR

**Gene Summary:** An antibody that reacts with ovarian cancers and mesotheliomas was used to isolate a cell surface antigen named mesothelin. Although the function of mesothelin is unknown, it may play a role in cellular adhesion and is present on mesothelium,

mesotheliomas, and ovarian cancers. This gene encodes a preproprotein that is cleaved into two products, megakaryocyte potentiating factor and mesothelin. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

**References:**

1. Mesothelin is a malignant factor and therapeutic vaccine target for pancreatic cancer. Li M, Bharadwaj U, Zhang R, Zhang S, Mu H, Fisher WE, Brunicardi FC, Chen C, Yao Q. Mol Cancer Ther. 2008 Feb;7(2):286-96.