



# 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

### LAMA5 (Human) Recombinant Protein (P01)

**Catalog Number:** H00003911-P01

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

**Product Description:** Human LAMA5 full-length ORF (AAH03355.1, 1 a.a. - 670 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MGVSLRDKKVHWVYQLGEAGPAVLSIDEDIGEQFAAV  
SLDRTLQFGHMSVTVRQMIQETKGDVAPGAEGLLN  
LRPDDFVYVGGYPSTFTPPPLLRFPGYRGCIEMDTLN  
EEVSLYNFERTFQLDVAVDRPCARSKSTGDPWLTG  
SYLDGTGFARISFDSQISTTKRFEQELRLVSYSGVLFLL  
KQQIQVFLGGSRKRVLRVERATVYSVEQDNDLELA  
DAYYLGGVPPDQLPPSLRRLFPPTGGSVRGCVKIKAL  
GKYVDLKRLLNTTGVSAAGCTADLLVGRAMTFHGHGFLR  
LALSNAVPLTGNVYSGFGFHSQAQDSALLYRASPDGL  
CQVSLQQGRVSLQLLRTEVKTQAGFADGAPHYVAFYS  
NATGVWLYVDDQLQMKPHRGPPPELQPQPEGPPRL  
LLGGLPESGTIYNFSGCISNVFVQRLLGPQRVFDLQQN  
LGSVNVSTGCAPALQAQTPGLGPRGLQATARKASRR  
SRQPARHPACMLPPLRTRDSYQFGGSLSSHLEFV  
GILARHRNWPSLSMHVLPSSRGLLFTARLRPGSPS  
LALFLSNGHFVAQMEGLGTRLRAQSRQRSRPRGWHK  
VSVRWEKNRILLVTDGARAWSQEGPHRQHQAHPQ  
PHTLFVGGLPASSHSSKLPTSQELHCLMWAWNWRCG  
PWQSPD

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

**Theoretical MW (kDa):** 100.4

**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:** 3911

**Gene Symbol:** LAMA5

**Gene Alias:** KIAA1907

**Gene Summary:** Components of the extracellular matrix exert myriad effects on tissues throughout the body. In particular, the laminins, a family of heterotrimeric extracellular glycoproteins, affect tissue development and integrity in such diverse organs as the kidney, lung, skin, and nervous system. It is thought that laminins mediate the attachment, migration, and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components. Laminins function as heterotrimeric complexes of alpha, beta, and gamma chains, with each chain type representing a different subfamily of proteins. The protein encoded by this gene belongs to the alpha subfamily of laminin chains and is a major component of basement membranes. Two transcript variants encoding different isoforms have been found for this gene, but the full-length nature of one of them has not been determined. [provided by RefSeq]