



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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

ELA3A (Human) Recombinant Protein (P01)

Catalog Number: H00010136-P01

Regulation Status: For research use only (RUO)

Product Description: Human ELA3A full-length ORF (AAH07028, 16 a.a. - 270 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

SGYGPPSSHSSSRVHGEDAVPYSWPWQVSLQYEK
SGSFYHTCGGSLIAPDWVVTAGHCISRDLTYQVVLGE
YNLAVKEGPEQVIPINSEELFVHPLWNRSCVACGNDIA
LIKLSRSAQLGDAVQLASLPPAGDILPNKTPCYITGWG
RLYTNGPLPDKLQQARLPVVDYKHCSRWNWWGSTV
KKTMCAGGYIRSGCNGDSGGPLNCPTEDEGGWQVH
GVTSFVSGFGCNFIWKPTVFTRVSAFIDWIEETIASH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 53.79

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: 10136

Gene Symbol: ELA3A

Gene Alias: ELA3

Gene Summary: Elastases form a subfamily of serine

proteases that hydrolyze many proteins in addition to elastin. Humans have six elastase genes which encode the structurally similar proteins elastase 1, 2, 2A, 2B, 3A, and 3B. Unlike other elastases, elastase 3A has little elastolytic activity. Like most of the human elastases, elastase 3A is secreted from the pancreas as a zymogen and, like other serine proteases such as trypsin, chymotrypsin and kallikrein, it has a digestive function in the intestine. Elastase 3A preferentially cleaves proteins after alanine residues. Elastase 3A may also function in the intestinal transport and metabolism of cholesterol. Both elastase 3A and elastase 3B have been referred to as protease E and as elastase 1. [provided by RefSeq]