



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

FURIN (Human) Recombinant Protein (P01)

Catalog Number: H00005045-P01

Regulation Status: For research use only (RUO)

Product Description: Human FURIN full-length ORF (AAH12181.1, 28 a.a. - 794 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

KVFTNTWAVRIPGGPAVANSVARKHGFLNLGQIFGDY
YHFWHRGVTKRSLSPHRPRHSRLQREPQVQWLEQQ
VAKRRTRKRDVYQEPTDPKFPQQWYLSGVTQRDLNVK
AAWAQGYTGHGIVVSILDDGIEKNHPDLAGNYDPGAS
FDVNDQDPDPQPRYTQMNDRHGTRCAGEVAAVAN
NGVCGVGVAYNARIGGVRMLDGEVTDAVEARSLGLN
PNHIIHYSASWGPEDDGKTVDPARLAEAEAFFRGVLSQ
GRGGLGSIFVWASGNNGREHDCNCDGYTNSIYTLISI
SSATQFGNVPWYSEACSSTLATTYSSGNQNEKQIVTT
DLRQKCTESHTGTSASAPLAAGIIALTLEANKNLTWRD
MQHLVVQTSKPAHLNANDWATNGVGRKVSHSYGYGL
LDAGAMVALAQNWTTVAPQRKCIIDILTEPKDIGKRLEV
RKTVTAACLGEPNHITRLEHAQARLTLNRRGLDIAHL
VSPMGTRSTLLAARPHDYSADGFNDWAFMTTHSWDE
DPSGEWVLEIENTSEANNYGTLTKFTLVLYGTAPEGLP
VPPESSGCKTLTSSQACVVCEEGFSLHQKSCVQHCP
PGFAPQVLDTHYSTENDVETIRASVCAPCHASCATCQ
GPALTDCLSCPSHASLDPVEQTCRSRQSSRESPPQ
QQPPRLPPEVEAGQRLRAGLLPSHLPEVVAGLSCAFIV
LVFVTVFLVLQLRSGFSFRGVKQVYTMDRGLISYKGLPP
EAWQEPCSDSEEDGRGERTAFIKDQSAL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 110.22

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: 5045

Gene Symbol: FURIN

Gene Alias: FUR, PACE, PCSK3, SPC1

Gene Summary: The protein encoded by this gene belongs to the subtilisin-like proprotein convertase family. The members of this family are proprotein convertases that process latent precursor proteins into their biologically active products. This encoded protein is a calcium-dependent serine endoprotease that can efficiently cleave precursor proteins at their paired basic amino acid processing sites. Some of its substrates are: parathyroid hormone, transforming growth factor beta 1 precursor, proalbumin, pro-beta-secretase, membrane type-1 matrix metalloproteinase, beta subunit of pro-nerve growth factor and von Willebrand factor. It is also thought to be one of the proteases responsible for the activation of HIV envelope glycoproteins gp160 and gp140. This gene is thought to play a role in tumor progression. The use of alternate polyadenylation sites has been found for this gene. [provided by RefSeq]

References:

1. Development of a high-throughput assay for human proprotein convertase 5/6 for detecting uterine receptivity. Heng S, Dynon K, Li Y, Edgell T, Walton K, Rombauts LJ, Vollenhoven B, Nie G. Anal Biochem. 2015 Apr 15;475:14-21.