



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

PROC (Human) Recombinant Protein (P01)

Catalog Number: H00005624-P01

Regulation Status: For research use only (RUO)

Product Description: Human PROC full-length ORF (NP_000303.1, 1 a.a. - 461 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MWQLTLLLLFVATWGISGTPAPLDSVFSSSERAHQVL
RIRKRANSFLEELRHSSLERECIEEICDFEEAKEIFQNV
DDTLAFWSKHVDGDQCLVLPLEHPCASLCCGHGTCID
GIGSFSCDCRSWEGRFQREVSLNCSLDNNGGCTH
YCLEEVGWRRCSAPGYKLGDDLLQCHPAVKFPCGR
PWKRMEKKRSHLKRDTEDQEDQVDPRLIDGKMTRRG
DSPWQVLLDSKKKLACGAVLIHPSWVLTAAHCMD
ESKLLVRLGEYDLRRWEKWELDLDIKEVFPVHPNYSKST
TDNDIALHHLAQPATLSQTIVPICLPDSGLAERELN
QAGQETLVTGWGYHSSREKEAKRNRTFVLNFIKIPV
VPHNECSEVMSNMVSENMLCAGILGDRQDACEGDS
GGPMVASFHGTWFLVGLVSWGEGCGLLHNYGVYTK
VSRYLDIWIGHIRDKEAPQKSWAP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 78.5

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: 5624

Gene Symbol: PROC

Gene Alias: PC, PROC1

Gene Summary: The PROC gene encodes protein C (EC 3.4.21.69), a vitamin K-dependent plasma glycoprotein that is a key component of the anticoagulant system. Protein C is cleaved to its activated form, 'activated protein C' (APC) on endothelial cells by the thrombin-thrombomodulin complex (MIM 176930; MIM 188040) and then acts as a serine protease to degrade the activated forms of coagulation factors V (F5; MIM 612309) and VIII (F8; see MIM 306700). Protein S (PROS1; MIM 176880), also a vitamin K-dependent plasma protein, functions as a cofactor to activated protein C.[supplied by OMIM]