



# 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

### VARs (Human) Recombinant Protein (P01)

**Catalog Number:** H00007407-P01

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

**Product Description:** Human VARs full-length ORF (AAH12808.1, 1 a.a. - 1264 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSTLYVSPHPDAFPSLRALIAARYGEAGEGPGWGGA  
HPRICLQPPPTSRTSFPPRLPALEQQPGGLWVWGAT  
AVAQLLWPAGLGGPGGSRAAVLVQQWVSYADTELIP  
AACGATLPALGLRSSAQDPQAVLGALGRALSPLEEWL  
RLHTYLAGEAPTLADLA AVTALLLPFRYVLDPPARRIW  
NNVTRWFVTCVRQPEFRAVLGEVVLYSGARPLSHQP  
GPEAPALPKTAAQLKKEAKKREKLEKFQKQKIQQQQ  
PPPGEKKPKPEKREKRDPGVITYDLTPPGEKKDVSG  
PMPDSYSPRYVEAAWYPWWEQQGFFKPEYGRPNVS  
AANPRGVFMMCIPPNVTGSLHLGHALTNAIQDSLTR  
WHRMRGETTLWNP GCDHAGIATQVVVEKKLWREQG  
LSRHQLGREAFLEQVWVKWKEEKGDRIYHQLKLGSSL  
DWDRACFTMDPKLSAAVTEAFVRLHEEGIYRSTRLVN  
WSCTLNSAISDIEVDKELTGR TLLSVPGYKEKVEFGV  
LVSFAYKVQGS DSDSEEVVATTRIETMLGDVAVAVHP  
KDTRYQHLKGNVIHPFLSRSLPIVDFEVDMDFGTGA  
VKITPAHDQNDYEVGQRHGLEAISIMDSRGALINVPPP  
FLGLPRFEARKAVLVALKERGLFRGIEDNPMVVPLCNR  
SKDVVEPLL RPQWYVRCGEMAQAASAAVTRGDLRILP  
EAHQRTWHAWMDNIREWCISRQLWVGHRI PAYFVTV  
SDPAVPPGEDPDGRYWVSGRNEAEAREKAAKEFGVS  
PDKISLQQDE DVLDTWFSSGLFPLSILGWPNQSEDLSV  
FYPGTLLETGH DILFFWARMVMLGLKLTGRLPFREVV  
LHAIVRDAHGRKMSKSLGNVIDPLDVIYGISLQGLHNQL  
LNSNLDPSEVEKAKEGQKADFPAGIPECGTDALRFGL  
CAYMSQGRDINLDVNRILGYRHFCNKLWNATKFALRG  
LGKGFVPSPTSQPGGHESLVDWRWIRSRLTEAVRLSNQ  
GFQAYDFPAVTTAQY SFWLYELCDVYLECLKPVLNGV  
DQVAAECARQTL YTCLDVGLRLLSPFMPFVTEELFQR  
LPRRMPQAPPSLCVTPYPEPSECSWKDPEAEAALELA  
LSITRAVRS LRADYNLTRIRPDCFLEVADEATGALASAV  
SGYVQALASAGV VAVLALGAPAPQGCAVALASDRCSI  
HLQLQGLVDPARELGK LQAKRVEAQRQAQRLRERRA  
ASGYPVKVPLEVQE ADEAKLQQTEAELRKVDEAIALFQ  
KML

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

**Theoretical MW (kDa):** 166.9

**Interspecies Antigen Sequence:** Mouse (93); Rat (93)

**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:** 7407

**Gene Symbol:** VARs

**Gene Alias:** G7A, VARs1, VARs2

**Gene Summary:** Aminoacyl-tRNA synthetases catalyze the aminoacylation of tRNA by their cognate amino acid. Because of their central role in linking amino acids with nucleotide triplets contained in tRNAs, aminoacyl-tRNA synthetases are thought to be among the first proteins that appeared in evolution. The protein encoded by this gene belongs to class-I aminoacyl-tRNA synthetase family and is located in the class III region of the major histocompatibility complex. [provided by RefSeq]