



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Datasheet

### RECQL (Human) Recombinant Protein (P01)

**Catalog Number:** H00005965-P01

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

**Product Description:** Human RECQL full-length ORF ( NP\_002898.2, 1 a.a. - 649 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MASVSALTEELDSITSELHAVEIQIQELTERQQELIQKK  
KVLTKKIKQCLESDAGASNEYDSSPAAWNKEDFPWS  
GKVKDILQNVFKLEKFRPLQLETINVTMAGKEVFLVMP  
TGGGKSLCYQLPALCSDGFTLVICPLISLMEDQLMVLK  
QLGISATMLNASSSKEHVKVVHAEMVKNKSELKLIYVT  
PEKIAKSKMFMSRLEKAYEARRFTRIAVDEVHCCSQW  
GHDFRPDYKALGILKRQFPNASLIGLTATATNHVLTDA  
QKILCIEKCFRTASFNRPNLYYEVRQKPSNTEDFIEDI  
VKLINGRYKGGSGIYCFQSQKDEQVTVSLQNLGIHAG  
AYHANLEPEDKTTVHRKWSANEIQVVVATVAFGMGID  
KPDVRFVHHSSMSKSMENYYQESGRAGRDDMKADCIL  
YYGFGDIFRISSMVMENVGQQKLYEMVSYCQNISKC  
RRVLMQAHFDEVWNSEACNKMCDNCKDSAFERKNI  
TEYCRDLIKILKQAEELNEKLTPLKLIDSWMGKGAALKR  
VAGVVAPTLPREDEKIIAHFLIQYKEDYSFTAYATIS  
YLGKIPKANLLNNEAHAITMQVTKSTQNSFRAESSQTC  
HSEQGDKKMEEKNSGNFQKKAANMLQQSGSKNTGA  
KKRKIDDA

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

**Theoretical MW (kDa):** 99.9

**Interspecies Antigen Sequence:** Mouse (85); Rat (83)

**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:** 5965

**Gene Symbol:** RECQL

**Gene Alias:** RECQL1, RecQ1

**Gene Summary:** The protein encoded by this gene is a member of the RecQ DNA helicase family. DNA helicases are enzymes involved in various types of DNA repair, including mismatch repair, nucleotide excision repair and direct repair. Some members of this family are associated with genetic disorders with predisposition to malignancy and chromosomal instability. The biological function of this helicase has not yet been determined. Two alternatively spliced transcripts, which encode the same isoform but differ in their 5' and 3' UTRs, have been described. [provided by RefSeq]