



# 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)

## CDC37 Protein

Human Recombinant CDC37 Protein  
Catalog No. SPR-304



Discovery through partnership | Excellence through quality

### Overview

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#### Product Name

CDC37 Protein

#### Description

Human Recombinant CDC37 Protein

#### Applications

WB, SDS-PAGE, Functional Assay

#### Concentration

1 mg/ml

#### Conjugates

His tag

#### Nature

Recombinant

#### Species

Human

#### Expression System

E. coli

#### Amino Acid Sequence

MGHHHHHMHMVDYSVWDHIEVSDDDEDETHPNIDTASLFRWRHQARVERMEQFQKEKEELDRGCRECKRKVAECQRKLKELEVAEGGKAELERLQAEAQ  
QLRKEERSWEQKLEEMRKKKESMPWNVDTLKDGFSKSMVNTKPEKTEEDSEEVREQKHKTFVEKYEKQIKHFGMLRRWDDSQKYLSDNVHLVCEETA  
NYLV

### Properties

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#### Storage Buffer

25mM Tris buffer pH7.2, 150mM NaCl, 0.1DTT, 50% glycerol

#### Storage Temperature

-20°C

#### Shipping Temperature

Blue Ice or 4°C

#### Purification

Affinity Purified

#### Specificity

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~445 kDa

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### Cite This Product

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Human Recombinant CDC37 Protein (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPR-304)

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### Certificate Of Analysis

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This product has been certified >90% pure using SDS PAGE analysis. 4uM SPR-303, when added to 2uM SPR-300 (Aha1)-activated HSP90 (2uM; His-tagged HSP90 beta) in 33mM Hepes pH7.2, 30mM NaCl, 5mM MgCl<sub>2</sub>, 1mM DTT, 1.5mM ATP in a 100ul reaction at 37 degrees C, eliminated all Aha1-mediated ATPase stimulation as well as intrinsic HSP90 ATPase activity. (This is an enzyme-linked ATP regeneration assay tracking loss of NADH absorbance at 340nm).

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## Biological Description

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### Research Areas

Cancer, Heat Shock, Cell Signaling, Epigenetics

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### Cellular Localization

Cytoplasm

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### Accession Number

NP\_008996.1

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### Gene ID

11140

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### Swiss Prot

Q16543

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### Scientific Background

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HSP90 co-chaperone Cdc37 is a protein that is encoded by the CDC37 gene. It has been found to form complexes with HSP90 and a variety of protein kinases including CDK4, CDK6, SRC, RAF1, MOK and eIF-2 alpha kinases. It is thought to play a critical role in directing HSP90 to its target kinases (1, 2). CDC37 is necessary for maintaining prostate tumor cell growth and represents a novel target in the exploration for multi-targeted therapies (3, 4).

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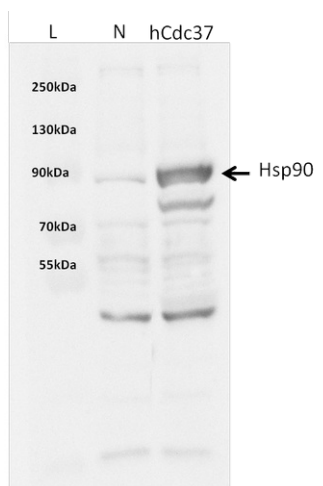
### References

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1. Dai K., Kobayashi R., Beach D. (1996) *J Biol Chem.* 271(36): 22030-22034.
  2. Stepanova L., Leng X., Parker S.B., Harper J.W. (1996) *Genes Dev.* 10(12): 1491-1502.
  3. Kimura Y., et al. (1997) *Genes Dev.* 11(14): 1775-1185.
  4. Gray P.J., et al. (2008) *Nat Rev Cancer.* 8(7): 491-495.
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## Product Images

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Western blot showing pull down data for 44.5 kDa human his-tagged CDC37 with 90kDa Hsp90 (SPR-304).

## Product Citations (0)

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Currently there are no citations for this product.

## Reviews

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There are no reviews yet.