



# 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

### CYBA (Human) Recombinant Protein (P01)

**Catalog Number:** H00001535-P01

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

**Product Description:** Human CYBA full-length ORF ( -, 1 a.a. - 254 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MGQIEWAMWANEQALASGLSECTSGTVEAAAWRGV  
PRPQPGPRATYRVGKWGARRARPGRGQARRVRGTG  
AGPSGRGLEGGVLRPPVIPLQTLRSAAPLPHSLLSVPR  
LREGGSCSAGEEAVQPRWFPSPRSPRVGAPAWA  
SGEAPLPLGSQLAWRSLSLGLGWGMGSCPGAQPFSS  
GVCAGGGLRFHKAPKPPSDGPAQPSCTGTLGLWDG  
TAPSHPPVHLLRGSGEGSGLHLEMDPLGTRARECLAQ  
HG
```

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

**Theoretical MW (kDa):** 53.68

**Interspecies Antigen Sequence:** Rat (77)

**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:** 1535

**Gene Symbol:** CYBA

**Gene Alias:** p22-PHOX

**Gene Summary:** Cytochrome b is comprised of a light chain (alpha) and a heavy chain (beta). This gene encodes the light, alpha subunit which has been proposed as a primary component of the microbicidal oxidase system of phagocytes. Mutations in this gene are associated with autosomal recessive chronic granulomatous disease (CGD), that is characterized by the failure of activated phagocytes to generate superoxide, which is important for the microbicidal activity of these cells. [provided by RefSeq]