



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

SURF1 (Human) Recombinant Protein (P01)

Catalog Number: H00006834-P01

Regulation Status: For research use only (RUO)

Product Description: Human SURF1 full-length ORF (NP_003163.1, 1 a.a. - 300 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAAVAALQLGLRAAGLGRAPASAAWRSVLRVSPRPG
VAWRPSRCGSSAAEASATKAEDDSFLQWVLLLIPVTA
FGLGTWQVQRRKWKLNLI AELESRVLAEPVPLPADPM
ELKNLEYRPVKVRGCFDHSKELYMMPRTMVDPVREA
REGGLISSSTQSGAYVVTPFHCTDLGV TILVNRGFVPR
KKVNPETRQKGQIEGEVDLIGMVRLTETRQPFVPENN
PERNHWHYRDLEAMARITGAEPIDANFQSTVPGGPI
GGQTRVTLRNEHLQYIVTWYGLSAATSYLWFKKFLRG
TPGV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 59.7

Interspecies Antigen Sequence: Mouse (78); Rat (76)

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: 6834

Gene Symbol: SURF1

Gene Alias: -

Gene Summary: This gene encodes a protein localized to the inner mitochondrial membrane and thought to be involved in the biogenesis of the cytochrome c oxidase complex. The protein is a member of the SURF1 family, which includes the related yeast protein SHY1 and rickettsial protein RP733. The gene is located in the surfeit gene cluster, a group of very tightly linked genes that do not share sequence similarity, where it shares a bidirectional promoter with SURF2 on the opposite strand. Defects in this gene are a cause of Leigh syndrome, a severe neurological disorder that is commonly associated with systemic cytochrome c oxidase deficiency. [provided by RefSeq]