



# 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

### OPA1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00004976-P01

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

**Product Description:** Human OPA1 full-length ORF ( NP\_056375.1, 1 a.a. - 960 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MWRLRRAVACEVCQSLVKHSSGIGKSLPLQKLHLVS  
RSIYHSHHPTLKLQRPQLRTSFQQFSSLTNLPLRKLKF  
SPIKYGYQPRRNFWPARLATRLLKRLYLILGSAVGGGY  
TAKKTFDQWKDMIPDLSEYKWIVPDIVWEIDEYIDFEKI  
RKALPSSDLVKLAPDFDKIVESLSLLKDDFTSGSPEET  
AFRATDRGSESDKHFRKVSDEKIDQLQEELLHTQLK  
YQRILERLEKENKELRKLVLQKDDKGIHHRKLKSLIDM  
YSEVLDVLSYDASYNTQDHLPRVVVVGDSAGKTSV  
LEMIAQARIFPRGSGEMMTRSPVKVTLSEGGPHHVALF  
KDSSREFDLTKEEDLAALRHEIELMRKKNVKEGCTVSP  
ETISLNVKGPGLQRMVLDLPGVINTVTSGMAPDTKET  
IFSISKAYMQNPNAIILCIQDGSVDAERSIVTDLVSQMD  
PHGRRTIFVLTKVDLAEKNVASPSRIQQIIEGKLFPMKA  
LGYFAVVTGKGNSSIEAIREYEEFFQNSKLLKTSM  
LKAHQVTTNRNLSLAVSDCFWKMVRESVEQQADSFKA  
TRFNLETEWKNNYPRLRELDNRNELFEKAKNEILDEVIS  
LSQVTPKHWEIILQQSLWERVSTHVIENIYLPAAQTMN  
SGTFNTTVDIKQWTDKQLPNKAVEVAWETLQEEFS  
RFMTEPKGKEHDDIFDKLKEAVKEESIKRHKWNDFAE  
DSLRIQHNALDRSISDKQQWDAAIYFMEEALQARLK  
DTENAIENMVGPDWKKRWLYWKNRTQEQCVDHNETK  
NELEKMLKCNEEHPAYLASDEITTVRKNLESRGVEVDP  
SLIKDTWHQVYRRHFLKTALNHCNLCRRGFYYYQRHF  
VDSELECNDVFLFWRIQRMLAITANTLRQQLTNTVEVRR  
LEKNVKEVLEDAEDGEEKIKLLTGKRVQLAEDLKKVR  
EIQEKLDAFIEALHQEK

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

**Theoretical MW (kDa):** 138

**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:** 4976

**Gene Symbol:** OPA1

**Gene Alias:** FLJ12460, KIAA0567, MGM1, NPG, NTG, largeG

**Gene Summary:** This gene product is a nuclear-encoded mitochondrial protein with similarity to dynamin-related GTPases. It is a component of the mitochondrial network. Mutations in this gene have been associated with optic atrophy type 1, which is a dominantly inherited optic neuropathy resulting in progressive loss of visual acuity, leading in many cases to legal blindness. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]