



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

OPTN (Human) Recombinant Protein (P02)

Catalog Number: H00010133-P02

Regulation Status: For research use only (RUO)

Product Description: Human OPTN full-length ORF (AAH13876, 1 a.a. - 577 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSHQPLSCLTEKEDSPSESTGNGPPHLAHPNLDFTFP
EELLQQMKELLTENHQLKEAMKLNQAMKGRFEELSA
WTEKQKEERQFFEIQSKEAKERLMALSHENEKLKEEL
GKLGKKSERSSEDPTDDSRLPRAEAEQEKDQLRTQV
VRLQAEKADLLGIVSELQLKLNSSGSSSEDSFVEIRMAE
GAEAGSVKEIKHSPGPTRTVSTGTALSKYRSRSADGA
KNYFEHEELTVSQQLLCLREGNQKVERLEVALKEAKER
VSDFEKKTNRSEIETQTEGSTEKENDEEKGPETVGS
EVEALNLQVTSLFKELQEAHTKLSEAEMLKKRLQKEC
QALERKNSAIPSELNEKQELVYTNKKLELQVESMLSEI
KMEQAKTEDEKSKLTVLQMTHNKLQEHNNALKTIEEL
TRKESEKVDRAVLKELSEKLELAEKALASKQLQMDDEM
KQTIKQEEDLETMTILRAQMEVYCSDFHAERAAREKI
HEEKEQLALQLAVLLKENDAFEDGGRQSLMEMQSRH
GARTSDSDQQAYLVQRGAEDRDWRQQRNIPHSRCPK
CGEVLDPDIDTLQIHVMDCII

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 89.21

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: 10133

Gene Symbol: OPTN

Gene Alias: FIP2, GLC1E, HIP7, HYPL, NRP, TFIIIA-INTP

Gene Summary: This gene encodes the coiled-coil containing protein optineurin. Optineurin may play a role in normal-tension glaucoma and adult-onset primary open angle glaucoma. Optineurin interacts with adenovirus E3-14.7K protein and may utilize tumor necrosis factor-alpha or Fas-ligand pathways to mediate apoptosis, inflammation or vasoconstriction. Optineurin may also function in cellular morphogenesis and membrane trafficking, vesicle trafficking, and transcription activation through its interactions with the RAB8, huntingtin, and transcription factor IIIA proteins. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq]