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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

OPTN (Human) Recombinant Protein (P01)

Catalog Number: H00010133-P01

Regulation Status: For research use only (RUO)

Product Description: Human OPTN full-length ORF (AAH32762, 1 a.a. - 571 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSHQPLSCLTEKEDSPSESTGNGPPHLAHPNLDFTFP
EELLQQMKELLTENHQLKEAMKLNNQAMKGRFEELSA
WTEKQKEERQFFEIQSKEAKERLMALSHENEKLKEEL
GKLGKKSERSSEDPTDDSRLPRAEAEQEKDQLRTQV
VRLQAEKADLLGIVSELQLKLNSSGSSSEDSFVEIRMAE
GAEAGSVKEIKHSPGPTRTVSTGTSRADGAKNYFEH
EELTVSQQLLCLREGNQKVERLEVALKEAKERSVDFEK
KTSNRSEIETQTEGSTKENDEEKGPETVGSEVEALNL
QVTSLFKELQEHTKLSEAELMKRRLQEKQCALERKN
SAIPSELNEKQELVYTNKKLELQVESMLSEIKMEQAKT
EDEKSKLTVLQMTNKLKLEHNNALKTIEELTRKESEK
VDRAVLKELSEKLELAEKALASKQLQMDQEMKQTIKQK
EDLETMTILRAQMEVYCSDFHAERAAREKIHEEKEQLA
LQLAVLLKENDAFEDGGRQSLMEMQSRHGARTSDSD
QQAYLVQRGAEDRDWRQQRNIPIHSCPCKGGEVLPDID
TLQIHVMDCI

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 88.55

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]