Datasheet for ABIN1614554

OPTN Protein (AA 1-585) (His tag)

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Overview

Quantity:	1 mg
Target:	OPTN
Protein Characteristics:	AA 1-585
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This OPTN protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSHQPLSCLT EKGDSSCETP GNGPSNMVHP NLDTFTPEEL LQQMKELLVE NHQLKEAMKL NNQAMKGRFE ELSAWTEKQK EERQLFEIQS KEAKERLKAL SHENERLKEE LGKLKEKSER PFEDITGRCG FPRTDLEQEV EQLKRQVEQE VEHLKIQVRR LQAEKADLLG IVSELQLKLN SGGSSEDSFV EIRMTEGEAE GAMKEMRNSA GPTRTDSISM GKCTEDARTC VEFEELTVSQ LLLCLREGNQ KVERLEIALR EAKERISDFE KKANGHSAIE TQTEGSTQKE EEDKDPESVG IEVETLNVQV ASLFKELQEA HTKLSEAELM KKRLQEKCQA LERKNSATPS ELNEKQELVY SNRKLELQVE SMRSEIKMEQ AKTEEEKSRL ATLQATHDKL LQEHNKALRT IEELTKQQAE KVDKVQLQEL SEKLELAEQA LASKQLQMDE MKQTIAKQEE DLETMAVLRA QMEVYCSDFH AERAAREKIH EEKEQLALQL AILLKENNDF EDGGSRQSLM EMQCRHGART SDSDQQAYLF QRGAEDMSWQ HGQQPRSIPI HSCPKCGEVL PDIDTLQIHV MDCII
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	OPTN
Abstract:	OPTN Products
Background:	Recommended name: Optineurin. Alternative name(s): FIP-2-like protein
UniProt:	Q8R5M4
Pathways:	M Phase

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C

Handling

Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

