

Optineurin (OPTN) Recombinant Protein | OPTN recombinant protein

Recombinant Human Optineurin (OPTN)

CATALOG #
AAA117225

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

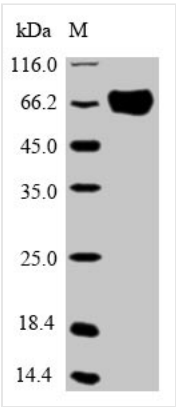
PRODUCT SYNONYMS

Optineurin (OPTN); Recombinant Human Optineurin (OPTN); OPTN recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-577aa; Full Length
Sequence	MSHQPLSCLT EKEDSPSEST GNGPPHLAHP NLDFTPEEL LQQMKELLTE NHQLKEAMKL NNQAMKGRFE ELSAWTEKQK EERQFFEIQS KEAKERLMAL SHENEKLKEE LGKLKGKSER SSEDPTDDSR LPRAEAEQEK DQLRTQVVRL QAEKADLLGI VSELQLKLNS SGSSDSFVE IRMAEGEAEG SVKEIKHSPG PTRTVSTGTA LSKYRSRSAD GAKNYFEHEE LTVSQQLLCL REGNQKVERL EVALKEAKER VSDFEKTSN RSEIETQTEG STEKENDEEK GPETVGSEVE ALNLQVTSLF KELQEAHTKL SKAELMKKRL QEKQCALERK NSAIPSELNE KQELVYTNNK LELQVESMLS EIKMEQAKTE DEKSKLTVLQ MTHNKLQEH NNALKTIEEL TRKESEKVDR AVLKELSEKL ELAEKALASK QLQMDQMKQT IAKQEEDLET MTILRAQMEV YCSDFHAERA AREKIHEEKE QLALQLAVLL KENDAFEDGG RQSLMEMQSR HGARTSDSDQ QAYLVQRGAE DRDWRQQRNI PIHSCPKCGE VLPDIDTLQI HVMDCI
Sequence Length	577
Species	Human
Production Note	Special Offer: The Baculovirus, E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. Baculovirus, E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Baculovirus, E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Baculovirus, E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for OPTN recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56549107
NCBI GeneID	10133
NCBI Accession #	NP_001008212.1
NCBI GenBank Nucleotide #	NM_001008211.1
UniProt Accession #	Q96CV9; Q5T672; Q5T673; Q5T674; Q5T675; Q7LDL9; Q8N562; Q9UET9; Q9UEV4; B3KP00; D3DRS4; D3DRS8
Molecular Weight	67.9 kDa
NCBI Official Full Name	optineurin
NCBI Official Synonym Full Names	optineurin
NCBI Official Symbol	OPTN
NCBI Official Synonym Symbols	NRP; FIP2; HIP7; HYPL; ALS12; GLC1E; TFIIIA-INTP
NCBI Protein Information	optineurin
UniProt Protein Name	Optineurin
UniProt Gene Name	OPTN
UniProt Synonym Gene Names	FIP2; GLC1E; HIP7; HYPL; NRP; HIP-7; TFIIIA-IntP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.