

Recombinant Human OPTN protein, His-tagged

Cat. No. OPTN-3307H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OPTN protein(Q96CV9)(1-577aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-577aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	69.9 kDa
AA Sequence	MSHQPLSCLTEKEDSPSESTGNGPPHLAHPNLDFTPEELLQQMKELLTENHQLKE AMKLNNQAMKGRFEELSAWTEKQKEERQFFEIQSKEAKERLMALSHENEKLKEELG KLKGKSERSSDPTDDSRLPRAEAEQEKDQLRTQVVRLQAEKADLLGIVSELQLKLN SSGSSDSFVEIRMAEGEAEGSVKEIKHSPGPTRTVSTGTALSKYRSRSADGAKNY FEHEELTVSQLLLCLREGNQKVERLEVALKEAKERVSDFEKKT SNRSEIETQTEGST EKENDEEKGPETVGSEVEALNLQVTSLFKELQEAHTKLSKAELMKKRLQEKCALE RKNSAIPSELNEKQELVYTNKKLELQVESMLSEIKMEQAKTEDEKSKLTVLQMTHNK LLQEHNNALKTIEELTRKESEKVDRAVLKELSEKLELAEKALASKQLQMDMKQTIK QEEDLETMTILRAQMEVYCSDFHAERAAREKIHEEKEQLALQLAVLLKENDAFEDGG

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RQSLMEMQSRHGARTSDSDQQAYLVQRGAE DRDWRQQRNIPIHSCP KCGEVL PDI
DTLQIHVMDCII

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [OPTN optineurin \[Homo sapiens \]](#)

Official Symbol [OPTN](#)

Synonyms OPTN; optineurin;

Gene ID [117580](#)

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