

Recombinant Human OPTN Protein, His&GST-tagged

Cat. No. OPTN-452H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OPTN Protein(NP_068815.2) (Met1-Ile577) was expressed in Insect Cells, with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-577 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4.
Molecular Mass	The recombinant human OPTN chimera consists of 814 amino acids and has a calculated molecular mass of 93.7 kDa. The recombinant protein migrates approximately 94 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name OPTN optineurin [Homo sapiens]**Official Symbol** OPTN**Synonyms** OPTN; optineurin;**Gene ID** 117580 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA