

## Recombinant Human OPTN, His-GST tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human OPTN (NP_068815.2) (Met1-Ile577), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-577 a.a.
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM Nacl, 10% glycerol, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>85 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** OPTN optineurin [ Homo sapiens ]

**Official Symbol** OPTN

**Gene ID** 117580

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