

## Recombinant Human OPTN, GST-tagged

Cat. No. OPTN-197H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human OPTN (amino acid residues 1-577), fused with N-terminal GST, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-577 a.a.
<b>Description</b>	Optineurin is a protein that is most closely related to NFκB Essential Modifier (NEMO) and, like NEMO, it contains a domain that binds to both Lys63-linked and linear polyubiquitin chains (Gleason et al., 2011). These polyubiquitin chains can then regulate downstream signaling events by inducing conformational changes that activate protein kinases such as IκB kinase (IKK) or Tank binding kinase (TBK1) (Gleason et al., 2011).
<b>Form</b>	50 mM HEPES pH 7.5, 150 mM sodium chloride, 2 mM dithiothreitol, 10% glycerol
<b>Molecular Mass</b>	92.8kDa
<b>Purity</b>	>85% by SDS-PAGE
<b>Storage</b>	12 months at -70°C. Avoid multiple freeze/thaw cycles.
<b>Concentration</b>	0.5 mg/ml

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## GENE INFORMATION

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

**Official Symbol** OPTN

**Synonyms** OPTN; optineurin;

**Gene ID** 117580

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