

Recombinant Human OPTN, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant human OPTN (amino acid residues 1-577), fused with N-terminal GST, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-577 a.a.
Description	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).
Form	50 mM HEPES pH 7.5, 150 mM sodium chloride, 2 mM dithiothreitol, 10% glycerol
Molecular Mass	92.8kDa
Purity	>85% by SDS-PAGE
Storage	12 months at -70°C. Avoid multiple freeze/thaw cycles.
Concentration	0.5 mg/ml

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GENE INFORMATION

Gene Name	OPTN optineurin [Homo sapiens]
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Official Symbol	OPTN
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Synonyms	OPTN; optineurin;
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Gene ID	117580
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