

## Recombinant Mouse Optc Protein, Myc/DDK-tagged

Cat. No. Optc-4597M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length opticin (cDNA clone MGC:117622 IMAGE:30788813), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Inhibits angiogenesis in the vitreous humor of the eye, and therefore represses neovascularization. Binds collagen fibrils. May be involved in collagen fiber organization via regulation of other members of the small leucine-rich repeat proteoglycan superfamily.
<b>Molecular Mass</b>	28.2 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

**Gene Name** Optc opticin [ Mus musculus (house mouse) ]

**Official Symbol** Optc

**Synonyms** Optc; opticin; opticin; oculoglycan

**Gene ID** 269120

**mRNA Refseq** NM\_054076

**Protein Refseq** NP\_473417

**UniProt ID** Q920A0

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