

Recombinant Mouse Optc Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	28.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	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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