Recombinant Mouse Gsn Protein, Myc/DDK-tagged

Cat. No. Gsn-3320M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length gelsolin (Gsn), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Calcium-regulated, actin-modulating protein that binds to the plus (or barbed) ends of actin monomers or filaments, preventing monomer exchange (end-blocking or capping). It can promote the assembly of monomers into filaments (nucleation) as well as sever filaments already formed. Plays a role in ciliogenesis.
Molecular Mass	86.4 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	Gsn gelsolin [Mus musculus (house mouse)]
Official Symbol	Gsn
Synonyms	Gsn; gelsolin; ADF; gelsolin; actin-depolymerizing factor; brevin
Gene ID	227753
mRNA Refseq	NM_146120
Protein Refseq	NP_666232
UniProt ID	P13020

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