

Recombinant Mouse Glmn Protein, Myc/DDK-tagged

Cat. No. Glmn-3226M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length glomulin, FKBP associated protein (Glmn), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Regulatory component of cullin-RING-based SCF (SKP1-Cullin-F-box protein) E3 ubiquitin-protein ligase complexes. Inhibits E3 ubiquitin ligase activity by binding to the RING domain of RBX1 and inhibiting its interaction with the E2 ubiquitin-conjugating enzyme CDC34. Inhibits RBX1-mediated neddylation of CUL1. Required for normal stability and normal cellular levels of key components of SCF ubiquitin ligase complexes, including FBXW7, RBX1, CUL1, CUL2, CUL3, CUL4A, and thereby contributes to the regulation of CCNE1 and MYC levels. Essential for normal development of the vasculature. Contributes to the regulation of RPS6KB1 phosphorylation.
Molecular Mass	68.2 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.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Glmn](#) glomulin, FKBP associated protein [*Mus musculus* (house mouse)]

Official Symbol [Glmn](#)

Synonyms GLMN; glomulin, FKBP associated protein; glomulin; FAP; FKBP-associated protein; FK506-binding protein-associated protein; Fap48; Fap68; AW227515; MGC6885; 9330160J16Rik

Gene ID [170823](#)

mRNA Refseq [NM_133248](#)

Protein Refseq [NP_573511](#)

UniProt ID [Q8BZM1](#)

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