

Recombinant Mouse Grn protein, His-tagged

Cat. No. Grn-3287M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Grn protein(NP_032201.2)(Met1-Leu589), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-589 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The secreted recombinant mouse Progranulin comprises 583 amino acids and has a predicted molecular mass of 63 kDa. As a result of glycosylation, the apparent molecular mass of rmGRN is approximately 70-90 kDa in SDS-PAGE under reducing conditions.
Proteinlength	Met1-Leu589
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Grn granulin \[Mus musculus \]](#)

Official Symbol [Grn](#)

Synonyms GRN; granulin; granulins; PEPI; PCDGF; progranulin; acrogranulin; proepithelin; PC cell-derived growth factor; epithelin;

Gene ID [14824](#)

mRNA Refseq [NM_008175](#)

Protein Refseq [NP_032201](#)

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