

## Recombinant Human Granulin, FLAG-tagged

Cat. No. GRN-2379H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human progranulin (aa 1-593) produced in HEK 293 cells fused at the C-terminus to a FLAG-tag.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>Protein Length</b>	1-593 a.a.
<b>Description</b>	Progranulin (PGRN) has been shown to be a widely expressed pluripotent growth factor which plays a role in processes such as development, wound repair and inflammation by activating signalling cascades that control cell cycle progression and cell motility. PGRN has also been linked to tumorigenesis. The function of PGRN in the central nervous system (CNS) is also of interest, because mutations in the PGRN gene have been identified in cases of frontotemporal degeneration (FTD).
<b>Source/Host</b>	HEK 293 cells.
<b>Concentration</b>	1mg/ml.
<b>Purity</b>	≥90% (SDS-PAGE).
<b>Endotoxin Content</b>	<0.1EU/g protein (LAL-test).
<b>Formulation</b>	Liquid. 0.2µm-filtered solution in PBS.

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**Long Term Storage** -20°C

**Use/Stability** Working aliquots are stable for up to 3 months when stored at -20°C.

**Handling** After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

## GENE INFORMATION

**Gene Name** [GRN granulin \[ Homo sapiens \]](#)

**Synonyms** GRN; granulin; GEP; GP88; PEPI; PGRN; PCDGF; GRN; progranulin; PEPI; Acrogranin; Granulin-1; Granulin G; Granulin-2; Granulin F; Granulin-3; Granulin-4; Granulin-5; Granulin-6; Granulin-7; Granulin A; Granulin C; Granulin D; Granulin E; granulin-epithelin; proepithelin; progranulin; PC cell-derived growth factor

**Gene ID** [2896](#)

**mRNA Refseq** [NM\\_002087](#)

**Protein Refseq** [NP\\_002078](#)

**MIM** [138945](#)

**UniProt ID** [P28799](#)

**Chromosome Location** 17q21.32

**Function** cytokine activity; growth factor activity

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