

Recombinant Human Granulin, FLAG-tagged

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

SPECIFICATION

Product Overview	Recombinant human progranulin (aa 1-593) produced in <i>HEK 293 cells</i> fused at the C-terminus to a FLAG-tag.
Species	Human
Source	Human Cells
Protein Length	1-593 a.a.
Description	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).
Source/Host	HEK 293 cells.
Concentration	1mg/ml.
Purity	≥90% (SDS-PAGE).
Endotoxin Content	<0.1EU/g protein (LAL-test).
Formulation	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