

Human CellExp Progranulin, Human recombinant protein
Acrogranin, Paragranulin, Granulin-1
Catalog # PBV10390r**Specification**

Human CellExp Progranulin, Human recombinant protein - Product info

Primary Accession	P28799
Concentration	0.5
Calculated MW	88.0 kDa KDa

Human CellExp Progranulin, Human recombinant protein - Additional Info

Gene ID	2896
Gene Symbol	GRN
Other Names	
Acrogranin, Paragranulin, Granulin-1	
Gene Source	Human
Source	HEK 293 cells
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	HPLC; ≥90%
Recombinant	Yes
Format	
Liquid	

Storage

-20°C; Sterile filtered clear solution in PBS

Human CellExp Progranulin, Human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp Progranulin, Human recombinant protein - Images**Human CellExp Progranulin, Human recombinant protein - Background**

Progranulin, also called proepithelin and PC cell-derived growth factor, is a single precursor protein of granulins which are a family of secreted, glycosylated peptides that are cleaved from a single precursor protein with 7.5 repeats of a highly conserved 12-cysteine granulin/epithelin motif. Granulins are a variety of active, 6.0 kDa peptides and named granulin A (epithelin 1), granulin B

(epithelin 2), granulin C, etc. Both the peptides and intact progranulin protein regulate cell growth. However, different members of the granulin protein family may act as inhibitors, stimulators, or have dual actions on cell growth. Granulin family members are important in normal development, wound healing, and tumorigenesis. Progranulin Human Recombinant fused to FLAG at C-terminus produced in HEK is a single, glycosylated, polypeptide chain containing 593 amino acids and having a molecular mass of 88.0 kDa. The Progranulin is purified by standard chromatographic techniques.

Human CellExp Progranulin, Human recombinant protein - References

Bhandari V.,et al.Biochem. Biophys. Res. Commun. 188:57-63(1992).

Plowman G.D.,et al.J. Biol. Chem. 267:13073-13078(1992).

Bhandari V.,et al.Proc. Natl. Acad. Sci. U.S.A. 89:1715-1719(1992).

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