



Human GRN blocking peptide (CDBP1423)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Granulin/GRN antibody
Antigen Description	Granulins 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. The 88 kDa precursor protein, progranulin, is also called proepithelin and PC cell-derived growth factor. Cleavage of the signal peptide produces mature granulin which can be further cleaved into a variety of active, 6 kDa peptides. These smaller cleavage products are named granulin A, granulin B, granulin C, etc. Epithelins 1 and 2 are synonymous with granulins A and B, respectively. Both the peptides and intact granulin 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. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

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

Official Symbol	GRN
Synonyms	GRN; granulin; GEP; GP88; PEPI; PGRN; CLN11; PCDGF; granulins; acrogranin; progranulin; proepithelin; granulin-epithelin; PC cell-derived growth factor;
Entrez Gene ID	2896
mRNA Refseq	NM_002087.2
Protein Refseq	NP_002078.1
UniProt ID	P28799
Chromosome Location	17q21.32
Pathway	Integrated Breast Cancer Pathway, organism-specific biosystem;
Function	cytokine activity; growth factor activity; poly(A) RNA binding; protein binding;