



AVISCERA BIOSCIENCE

HUMAN GRANULIN (GRN) RECOMBINANT

Product Information

Code	00313-07-10
Name	Human Granulin (GRN), Rec.
Lot No.	
Size	10 µg
Species	Human
Sequence	Thr18-Leu593
Protein ID	NP_002078
Gene ID	NM_002087
MW	105KD (Reduce)
Tag	His tag on C terminus
Source	Human cells
Purity	>95% in SDS-PAGE gel PBS lyophilized
Formulation	Form without preservatives
Carry	0.5% Protein
Storage	-20 ° C ~ -70 ° C
Reconstitution	100 µl
Application	Cell Biology

Description

A DNA sequence encoding the human Granulin (Thr18-Leu593) was fused with a his Tag at the C-terminus. The secreted recombinant human granulin generated after removal of the signal peptide comprises 587 amino acids with a predicted molecular mass of 63 kDa. As a result of glycosylation, it migrates as an approximately 105 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized 10 µg of human granulin in 50 µl of PBS contains 0.5% gelatin.

Reconstitution & Storage

Add 100 µl deionized water to the vial to prepare a working stock solution at 100 µg/mL. Allow to set at least 30 minutes at 4 ° C, mix well.

Store lyophilized protein at -20 ° C or -70 ° C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 ° C to -70 ° C. Upon reconstitution, this protein can be stored at -20 ° C for a few weeks or at -70 ° C in a manual defrost freezer for long term storage (12 months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: human Granulin (Thr18-Leu593) His tag

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

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