

## Recombinant Mouse Progranulin/PGRN/GRN Protein

RPCB1838

### Protein Information

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<b>Size:</b>	10 µg , 20 µg , 50 µg , 100 µg	<b>Tag:</b>	C-6His
<b>Reactivity:</b>	Mouse	<b>Expressed Host:</b>	HEK293 cells
<b>Calculated MW:</b>	62.47 kDa	<b>Observed MW:</b>	60-75 kDa

### Background

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Granulin family members are important in normal development, wound healing, and tumorigenesis. Granulins have possible cytokine-like activity. They may play a role in inflammation, wound repair, and tissue remodeling. Granulin-4 promotes proliferation of the epithelial cell line A431 in culture while granulin-3 acts as an antagonist to granulin-4, inhibiting the growth. Granulin expression inhibited Tat transactivation, and tethering experiments showed that this effect was due, at least in part, to a direct action on cyclin T1 in the absence of Tat.

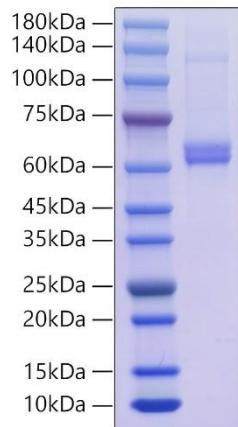
### Properties

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<b>Synonyms:</b>	Grn, Progranulin, PGRN, Acrogranin, Epithelin/granulin precursor, GP88, Glycoprotein 88, PC cell-derived growth factor, PCDGF, Proepithelin, PEPI
<b>Gene ID:</b>	14824
<b>Endotoxin:</b>	< 0.01 EU/µg of the protein by LAL method.
<b>Description:</b>	High quality, high purity and low endotoxin recombinant Recombinant Mouse Progranulin/PGRN/GRN Protein (RPCB1838), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
<b>Purity:</b>	≥ 90% as determined by reducing SDS-PAGE.
<b>Storage:</b>	Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

## Validation Data

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Recombinant Mouse Progranulin/PGRN/GRN  
Protein was determined by SDS-PAGE under  
reducing conditions with Coomassie Blue.