

## Recombinant Mouse Grn protein, His & T7-tagged

Cat. No. Grn-7848M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Grn aa. (Cys31~Leu269 (Accession # P28798)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Cys31~Leu269
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 29.2kDa.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 6.3.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage Buffer**

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

[Grn granulin \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol**

[Grn](#)

**Synonyms**

PLCB4; phospholipase C beta 4; ARCND2; PI-PLC; 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-4; 1-phosphatidyl-D-myo-inositol-4,5-bisphosphate; PLC-beta-4; dJ1119D9.2 (Phospholipase C, beta 4 (1-Phosphatidylinositol-4,5-Bisphosphate Phosphodiesterase Beta 4)); inositoltrisphosphohydrolase; monophosphatidylinositol phosphodiesterase; phosphoinositidase C; phosphoinositide phospholipase C-beta-4; triphosphoinositide phosphodiesterase

**Gene ID**

[14824](#)

**mRNA Refseq**

[NM\\_008175.4](#)

**Protein Refseq**


[NP\\_032201.2](#)

**UniProt ID**

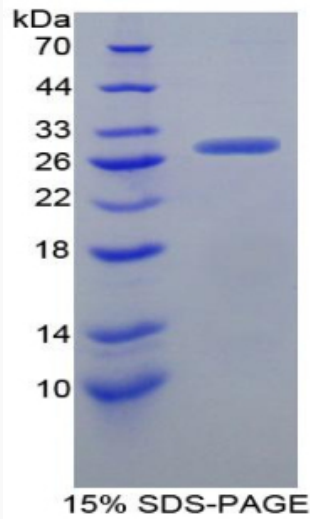
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SDS-PAGE



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