

Mouse Progranulins protein

Cat. No. GTX65642-pro
Species Mouse

Package
10 µg

Properties
Form Lyophilized powder

Buffer Reconstitute with 100 µl ddH₂O. Lyophilized from 0.2µm-filtered PBS.

Preservative No preservatives

Storage Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and avoid freeze-thaw cycles.

Region/Sequence No tagged; Met1-Leu589 of Mouse Progranulin (P28798)

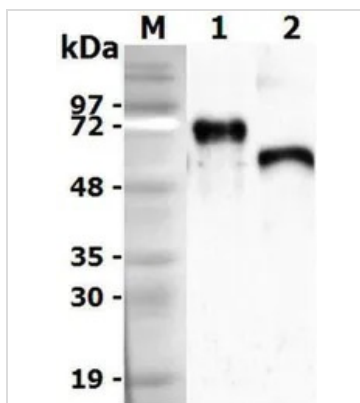
Expression System HEK293 cells

Purity ≥95% by SDS-PAGE.

Endotoxin < 0.01 EU/µg

Conjugation Unconjugated

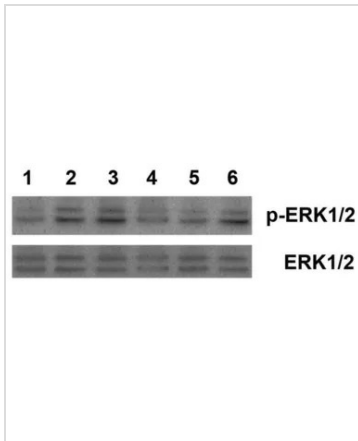
Note For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

DATA IMAGES

GTX65642-pro Image

Deglycosylation of GTX65642-pro Progranulin (mouse) protein. To examine the deglycosylation of mouse Progranulin, 1 µg of mouse progranulin is denatured with 1X glycoprotein denaturing buffer at 100°C for 10 minutes. After the addition of NP-40 and G7 reaction buffer, two fold dilutions of PNGase F are added and the reaction mix is incubated for 1 hour at 37°C. Separation of reaction products is visualized by immunoblotting using anti-Progranulin (mouse) antibody.



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GTX65642-pro Image

The effects on phospho-ERK1/2 and non-phospho-ERK1/2 by GTX65642-pro Progranulin (mouse) protein in neuronal differentiated mouse P19 cells. Undifferentiated mouse P19 were induced to differentiated in 1 μ M retinoic acid (RA) in α -minimum essential medium (α MEM) containing 10% heat-treated fetal bovine serum on bacterial grade plates for 3~4 days to allow aggregates to form (generation of embryonic bodies). The aggregates were then plated on tissue culture grade plates in the absence of RA for 3~4 days. To examine the induction of signal of phospho-ERK1/2 and ERK1/2, reactions were carried out at 37°C over 0, 5, 10, 30, 60, 120mins, respectively by adding the recombinant protein (500ng/ml) to the neuronal differentiated mouse P19 embryonal carcinoma cells, which were maintained with serum starvation for 24hrs. Treatment with GTX65642-pro Progranulin (mouse) protein was performed in lanes 1, 2, 3, 4, 5, and 6 over 0, 5, 10, 30, 60, 120mins, respectively.



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