

RP01768

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Recombinant Golden hamster PrP Protein

Catalog No.: RP01768 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
<I>E. coli</I>	101829062	P04273

Tags

No-Tag

Synonyms

PRP; PRNP; PrP27-30; PrP33-35C; CD230

Product Information

Source

<I>E. coli</I>

Purification

≥ 90 % as determined by SDS-PAGE; ≥ 90 % as determined by HPLC.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact



www.abclonal.com

Background

Basic Information

Description

Recombinant Golden hamster Prnp/PrP Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Gly90-Ser231) of Golden hamster PrP (Accession #XP_005068717.1) fused with no additional amino acid.

Bio-Activity

Analysis of Proteinase K resistance was performed by incubating golden hamster PrP with 1 μg and 2 μg Proteinase K at 37°C for 2h. The working concentration of Proteinase K were 50 μg/mL and 100 μg/mL respectively.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

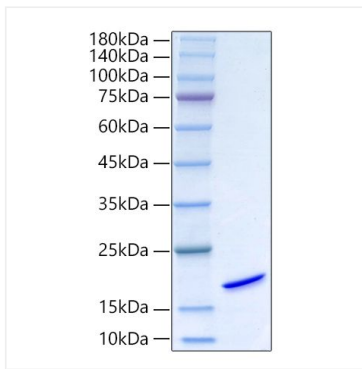
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

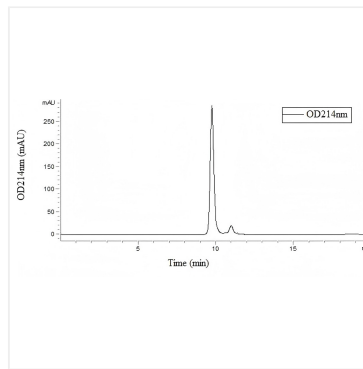
Avoid repeated freeze/thaw cycles.

* For your safety and health, please wear a lab coat and disposable gloves when handling.

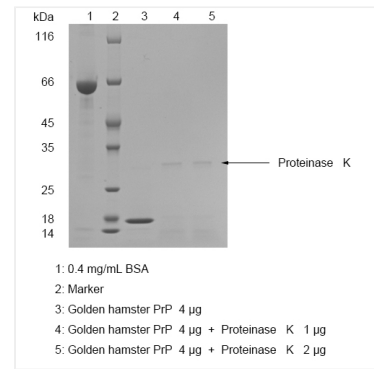
Validation Data



Recombinant Golden hamster PrP Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Recombinant Golden hamster PrP Protein is greater than 90% as determined by SEC-HPLC.



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