



Reconstitution and storage of Gibco™ PeproTech™ recombinant proteins (RUO and AOF)

Important: Download the Certificate of Analysis (CoA) from the thermofisher.com product page to obtain the necessary information for reconstitution before beginning this process. Failure to do so can result in incorrect concentration or may result in product issues such as insolubility or inactivity.



Centrifugation

- About 13,000 rpm for 30–60 seconds.



Reconstitution

- Dissolve lyophilized protein at ambient temperature using the appropriate solvent and concentration according to the lot-specific CoA
- Mix carefully by gently pipetting up and down, or put the vial cap back on and invert the vial gently a few times



Storage



Short-term storage

- The reconstituted protein solution can be stored at 2–8°C for up to one week



Long-term storage

- Dilute to working concentration using a buffer or medium containing a carrier*
- Distribute to aliquots and store at –20 to –80°C for 3–12 months, as specified on the CoA

*** Carrier:**

- 0.1–5.0% BSA
- 5% HSA
- 5% FCS
- 5% trehalose

Important notes:

- Do not add carrier to the initial reconstitution solution unless otherwise specified on the CoA
- Do not vortex

Important notes:

- Avoid repeated freeze-thaw cycles
- Aliquots should have a concentration of at least 1 µg/mL and a volume of at least 10 µL

PeproTech is now part of Thermo Fisher Scientific and these products are now sold under the Gibco brand.
Email peprotech.qualityassurance@thermofisher.com with questions or concerns.

Learn more at thermofisher.com/peprotech

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