

## Control Proteins

The protocol below refers to the following products:

Cat. No.	Product Name	Lyophilized from	Reconstitution	Final conc.
P0100	GFP-ALFA	PBS	100 $\mu$ L	1 mg/mL
P0102	PentaTag Control Protein	PBS	100 $\mu$ L	1 mg/mL

All reagents are shipped as lyophilized powder at ambient temperature. The lyophilized reagents can be stored at 2-8°C for up to 12 months.

### Protocol: Reconstitution and Storage

1. Prepare sterile 50% glycerol (v/v) in deionized water.  
If applicable, we recommend including 0.1% sodium azide as a preservative. Sodium azide should be avoided when using the reagents on live cells.
2. Open the vial containing the lyophilized reagent.
3. Add 100  $\mu$ L of sterile 50% glycerol (v/v) in deionized water.
4. Mix gently and allow to sit at room temperature for ~5 min.
5. Optional: Briefly spin down the vial for 2 min at 100  $\times g$  using a 50 mL conical tube with tissue paper at the bottom.
6. Distribute into aliquots. Use small tubes and avoid aliquots below 20  $\mu$ L.
7. Storage after reconstitution:
  - Working aliquots may be stored at -20°C for up to 4 weeks.
  - For long term storage (up to 6 months), samples should be kept at -80°C.

Notes: 

- Avoid repeated freeze-thaw cycles.

**Only for research applications, not for diagnostic or therapeutic use!**