

# LOABeads AffiAmino – Quick Protocol

For all separation steps, use the LOABeads MagSep Cube or LOABeads MagSep 15/50 magnets. Only remove liquid when beads are fully separated by magnet.

## Coupling 100 µl beads with protein

1. Dispense 1 ml of 10% bead suspension (100 µl beads) into a test tube.
2. Wash 1x with 1 ml PBS, 0.1% Tween.
3. Add 1 ml PBS, 0.1% Tween.
4. Add 50 µl of activation buffer (provided in kit)
5. Mix for 15 min.
6. Wash 1x with 1 ml PBS, 0.1% Tween.
7. Add 1 ml protein solution (1 mg/ml in PBS).

**Note:** Protein sample should be free of amino-containing impurities, ammonium sulfate, and should not contain high level of thiols.

8. Mix for 1 hour at room temperature.
9. Wash 2x with 1 ml PBS, 0.1% Tween.
10. Add 80 µl blocking buffer (provided in kit).
11. Mix for 45 min at room temperature.
12. Wash 2x with 1 ml PBS, 0.1% Tween.
13. Add 900 µl PBS to the beads to obtain a 10% suspension and, for immediate use, aliquot as needed for the specific experiment. For long-time storage, resuspend beads in 900 µl PBS, 20% EtOH, to obtain a 10% bead suspension.