

Product Introduction

DYKDDDDK peptide can be used to competitively elute DYKDDDDK-tagged fusion proteins from immobilized anti- DYKDDDDK tag magnetic beads. Use DYKDDDDK peptide to elute DYKDDDDK-tagged proteins. Elution yields will increase by incubating the peptide on the tube for 10-15 minutes at 30-37 °C for each elution fraction.

Elution protocol

1. Prepare DYKDDDDK peptide at 1mg/mL in PBS
2. Add 50 μ L 1mg/mL DYKDDDDK peptide to the protein combined beads (initially adding 50 μ L Sino Biological DYKDDDDK tag magnetic beads, TB101274), gently vortex to mix and incubate the sample at 37 °C on a rotator for 5-10 minutes. Elution may be performed at reduced temperatures, but lower yields result.
3. Separate the beads on a magnetic separator and save the supernatant containing the target antigen.
4. Repeat elution step once for higher recovery.

Storage

-20°C for 12 months upon receipt. After reconstitution, the peptide solution should be aliquoted and avoid repeated freeze-thaw cycles.