

PureCube Amine Activated MagBeads

Cat. No.: 50901, 50905

Description	PureCube Amine Activated MagBeads are magnetic beads with active amine groups to couple biomolecules that carry free-standing carboxy (COOH) groups. An amino-modified epoxide function is coupled to the magnetic bead with a C ₂ spacer to obtain a matrix with high binding capacity for carboxy functions. The resulting peptide bond is stable so that the beads can be used for other applications afterward.
Support	Spherical magnetic agarose beads, cross-linked, 6% agarose
Form	25% (v/v) suspension in 20 mM sodium acetate with 20% ethanol, pH 6.5 (20 µl suspension corresponds to 5 µl magnetic beads)
Bead size	20–40 µm (30 µm average)
Amine group density	15 µmol/ml (determined by acidimetric titration)
Application	PureCube Amine Activated MagBeads are applicable for the direct covalent coating of biomolecules via EDC.
Stability	2 years after shipping
Storage	2–8 °C. Short-term: in neutral buffer (e.g. 50 mM phosphate, pH 7.0); Long-term: in 100 mM sodium hydrogen carbonate, 0.02% sodium azide, pH 7.5 or 20 mM sodium acetate with 20% ethanol, pH 6.5
Shipping	Room temperature
Hazards	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.
Manufacturer	Cube Biotech

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