PureCube Epoxy Activated MagBeads

Cat. No.: 50805, 50825

Description	**PureCube Epoxy Activated MagBeads are magnetic beads with active epoxy groups to couple biomolecules that carry free-standing amine (NH_2) or thiol (SH) groups. An epoxide function is coupled to the magnetic bead with a C_4 spacer to obtain a matrix with high binding capacity for amino and thiol functions. The resulting amide or thiol 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 100% isopropanol (20 µl suspension corresponds to 5 µl magnetic beads)
Bead size	20-40 µm (30 µm average)
Epoxy group density	20 µmol/ml (determined by acidimetric titration)
Application	PureCube Epoxy Activated MagBeads are applicable for the direct covalent coating of biomolecules via amino and thiol groups..
Stability	6 months after shipping
Storage	2-8 °C. Short-term: in neutral buffer (e.g. 50 mM phosphate, pH 7.0); Long-term: in 100% isopropanol
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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