

PureCube Epoxy Activated MagBeads

Product	Catalog No.	Package size
PureCube Epoxy Activated MagBeads (1 mL)	50801	1 x 1 mL 25% suspension
PureCube Epoxy Activated MagBeads (5 mL)	50805	1 x 5 mL 25% suspension
PureCube Epoxy Activated MagBeads (25 mL)	50825	1 x 25 mL 25% suspension
PureCube Epoxy Activated MagBeads (4x25 mL)	50890	4 x 25 mL 25% suspension

Product Description

PureCube Epoxy Activated MagBeads have been synthesized for the direct covalent coating of biomolecules via free amine or thiol groups.

The activated matrix is based on spherical magnetic agarose beads, consisting of 6% cross-linked agarose. The material is highly porous to allow optimal protein interaction. Cross-linked agarose is also physically very stable, making it suitable for purification processes without deformation or destruction. Our magnetic beads are very homogeneous in size with a medium particle diameter of 25 µm, yielding a high degree of reproducibility between individual purification runs.

An Epoxy Activated-modified epoxide function is coupled to the magnetic agarose with a C₄ spacer to obtain a matrix with highest binding capacity for amino functions. The epoxy group density is higher than 20 µmol/ml, as determined by acidimetric titration.

PureCube Epoxy Activated MagBeads are delivered as a 25% suspension. Therefore, 1 mL suspension will yield a 250 µL bed volume. The suspension contains 100% isopropanol to prevent hydrolysis and to prevent microbial growth..

Shipping & Storage

Shipment Temperature	Ambient temperature
Short-term Storage	In neutral buffer at 4 °C
Long-term Storage	In 100% isopropanol at 4°C

Additional Information

For coupling protocols, and protocols for protein purification, please visit our webpage at: www.cube-biotech.com/protocols.

Disclaimer: Our products are intended for molecular biology applications. These products are not intended for the diagnosis, prevention, or treatment of a disease.

Proteins are our passion.

