

PureCube Maleimide Activated MagBeads XL

Product	Catalog No.	Package size
PureCube Maleimide Activated MagBeads XL (1 mL)	59201	1 x 1 mL 25% suspension
PureCube Maleimide Activated MagBeads XL (5 mL)	59205	1 x 5 mL 25% suspension
PureCube Maleimide Activated MagBeads XL (25 mL)	59225	1 x 25 mL 25% suspension
PureCube Maleimide Activated MagBeads XL (4x25 mL)	59290	4 x 25 mL 25% suspension

Product Description

PureCube Maleimide Activated MagBeads XL have been synthesized for the direct covalent coating of biomolecules via free 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 XL are very homogeneous in size with a medium particle diameter of 90 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 C₄₀ spacer to obtain a matrix with highest binding capacity for thiol functions. The maleimide group density is higher than 15 µmol/ml, as determined by acidimetric titration.

PureCube Maleimide Activated MagBeads XL 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 equilibration buffer (see protocol) 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.

