



**PureCube
Affinity Matrices**

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Proteins are our passion.

Cube Biotech

1 CHOOSE A MATRIX

2 CHOOSE A FORMAT

3 CHOOSE A TAG OR LIGAND

Agarose
Our agarose resin is very homogeneous in size, yielding a high degree of reproducibility between individual purification runs. The cross-linked agarose is also physically stable and highly porous for optimal protein interaction.

Bulk
Bulk resins are delivered as a 50% suspension in a buffer containing 20% ethanol. Various volumes are available.

FPLC Columns
Resins are prepacked in high-quality columns of 1 or 5 mL bed volume, ready to be used on most FPLC workstations.

Magnetic beads
Our ferrimagnetic agarose beads are produced in house and are suited for extracting proteins from dilute samples or for pull-down experiments.

Bulk
MagBeads are delivered as a 5% suspension in a buffer containing 20% ethanol. Various volumes are available.

Polyhistidine
The workhorse of tags. Our NTA and IDA resins can be loaded with different metal ions to optimize resin affinity and specificity.

GST
Used to promote recombinant protein folding, this tag binds to glutathione-coupled resins. The resins can also be used for glutathione-interacting proteins.

StrepTactin®
A variant of streptavidin, StrepTactin-loaded resins are used to purify strep-tag fusion proteins.

Rho1D4
This small, unobtrusive tag binds to antibody-loaded resins to purify membrane proteins with high specificity and mild elution conditions.

Your ligand
Protein-specific ligands bind targets in particular oligomeric states, conformations or orientations, enabling specialized applications.

PureCube NTA or IDA Agarose

PureCube Glutathione Agarose

PureCube HiCap StrepTactin Agarose

PureCube Rho1D4 Agarose

PureCube NTA or IDA Cartridge

PureCube Glutathione Cartridge

PureCube HiCap StrepTactin Cartridge

PureCube Rho1D4 Cartridge

PureCube NTA or IDA MagBeads

PureCube Glutathione MagBeads

PureCube HiCap StrepTactin MagBeads

PureCube Rho1D4 MagBeads

PureCube Tailor-made Resins
Our custom resins are produced within a couple weeks after ordering and/or consultation with our chemistry experts. You lay out the matrix parameters (e.g., ligands, linker, spacer, etc.), and we produce it in the quantities you need.



StrepTactin® (IBA GmbH).

! **INTERESTED IN OTHER FEATURES? Contact us** if you have something else in mind. However small or large the modification, we can probably accommodate it. Let's talk.