

PureCube Zr-NTA MagBeads

Cat. No.: 31501-Zr, 31505-Zr

Description	PureCube Zr-NTA MagBeads are magnetic beads consisting of a 6% agarose coated with nitrilotriacetic acid (NTA) ligand and loaded with zirconium ions. Due to their affinity to phosphorylated biomolecules, the beads are applicable for the enrichment of phosphopeptides.
Support	Spherical magnetic agarose beads, cross-linked, 6% agarose
Form	25% (v/v) suspension in 20 mM sodium acetate with 20% ethanol, pH 6.6 (20 µl suspension corresponds to 5 µl magnetic beads)
Bead size	20–40 µm (30 µm average)
Binding capacity	The protein binding capacity varies and depends on the specific application.
Metal ion capacity	>15 µeqv Zr ⁴⁺ /ml
Compatible reagents	1 mM DTT, 1 mM EDTA, 100% methanol, 100% ethanol, 8 M urea, 6 M guanidinium hydrochloride, 30% (v/v) acetonitrile
Stability	2 years after shipping
Storage	2–8 °C. Short-term: in equilibration buffer (50% ACN, 50% MeOH, 0.01% acetic acid); Long-term: in 20% ethanol
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

For research use only

Trademark information

The owners of trademarks marked by “®” or “TM” are identified at <http://www.cube-biotech.com/information/patents>. Registered names, trademarks, etc. used in this document, even when not specifically marked as such, are not to be considered unprotected by law.

Important licensing information

This product is covered by intellectual property (IP) rights and on completion of the sale Cube Biotech grants respective Limited Use Label Licenses to purchaser. IP rights and Limited Use Label Licenses for said technology are further described and identified at <http://www.cube-biotech.com/information/patents> or upon inquiry at info@cube-biotech.com or at Cube Biotech GmbH, Creative-Campus-Allee 12, D-40789 Monheim, Germany. By use of this product the purchaser accepts the terms and conditions of all applicable Limited Use Label Licenses.