PureCube Ni-INDIGO MagBeads

Cat. No.: 75201, 75205, 75225

Description	**PureCube Ni-INDIGO MagBeads are magnetic agarose beads for purification of proteins fused to a polyhistidine tag (His-tag). Due to stable immobilization of nickel ions (Ni) to the specially engineered INDIGO ligand, the MagBeads have a higher EDTA- and DTT-stability than conventional Ni-NTA MagBeads.**
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	80 mg protein/ml pure beads. Binding capacity was determined with a 27 kDa 6xHis-tagged GFP protein. Please note that the binding capacity is protein dependent.
Metal ion capacity	>75 µeqv /ml
Compatible reagents	20 mM DTT, 20 mM EDTA, 100% methanol, 100% ethanol, 8 M urea, 6 M guanidinium hydrochloride, 30% (v/v) acetonitrile
Application	Elution can be performed by boiling in denaturing SDS gel loading buffer or by application of imidazole containing buffer.
Stability	2 years after shipping
Storage	2-8 °C. Short-term: in neutral buffer (e.g. 50 mM phosphate, pH 7.0); Long-term: in neutral buffer with 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

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