

PureCube Maleimide Activated Agarose XL

Cat. No.: 59103

Description	PureCube Maleimide Activated Agarose XL is agarose resin with a large bead diameter and active maleimide groups to couple biomolecules that carry free-standing thiol (SH) groups. The maleimide is coupled to the magnetic agarose via an epoxide function and a long C ₄₀ spacer to obtain a matrix with high binding capacity for thiol functions. The resulting thioether bond is stable so that the agarose resin can be used for other applications afterward.
Support	6% agarose, cross-linked
Form	50% suspension in 100% isopropanol (e.g. 10 ml will be 5 ml settled resin + 5 ml isopropanol)
Bead size	400 µm, spherical
Protein binding capacity	15 mg/ml (determined by spectrophotometry with a 24 kDa protein)
Size exclusion limit	4 x 10 ⁶ Da
Application	PureCube Maleimide Activated Agarose XL is applicable for the direct covalent coating of biomolecules via thiol groups.
Stability	3 months after shipping
Storage	2-8 °C. Short-term and long-term: in 100% isopropanol
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.