

## AGAROSE-GLAGLLAR-AZIDE

**SKU:** CCT-1581

## **Description**

Agarose-GLAGLLAR-Azide is an agarose resin that is pre-activated with azide groups linked to the agarose resin through a short synthetic peptide containing a tryptic cleavage site. The alkyne-modified proteins, or their post-translationally modified forms, are captured from complex protein extracts on the Agarose-GLAGLLAR-Azide resin. Once covalently attached to the resin via copper catalyzed click chemistry, beads can be washed with highest stringency virtually eliminating any non-specifically bound proteins to yield a highly enriched population of nascent molecules. Upon tryptic digestion, this yields a highly pure peptide pool that is ideal for mass spectrometry (e.g., LC MS/MS) based analysis. Importantly, alkyne-modified targeted peptides can be easily identified by MS analysis, providing a confirmation by a mass shift of 172.10 Da

## **Specifications**

**Unit Size** 2 ml

**Enrichment target** Alkyne-modified proteins

**Format** Batch or column purifications

**Activation level** 5-12 µmol azide groups per mL resin

**Bead size** Spherical, 50-150 μm

**Support** 6% Cross-linked agarose

Formulation 50% slurry

Preservative 20% ethanol

**Appearance** Off-white slurry

Storage 2-8C

For research use only. Not intended for animal or human therapeutic or diagnostic use.





<b>Shipping Conditions</b>	Ambient temperature

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