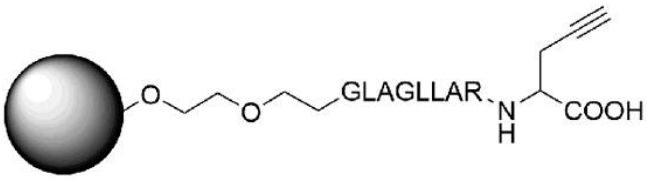
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AGAROSE-GLAGLLAR-ALKYNE

SKU: CCT-1582



DESCRIPTION

Agarose-GLAGLLAR-Alkyne is an agarose resin that is pre-activated with terminal alkyne groups linked to the agarose resin through a short synthetic peptide containing a tryptic cleavage site. The azide-modified proteins, or their post-translationally modified forms, are captured from complex protein extracts on the Agarose-GLAGLLAR-Alkyne 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, azide-modified targeted peptides can be easily identified by MS analysis, providing a confirmation by a mass shift of 113.05 Da

SPECIFICATIONS

Activation Level	5-12 µmol alkyne groups per mL resin
Appearance	Off-white slurry
Bead Size	Spherical, 50-150 µm
Enrichment Target	Azide-modified proteins
Format	Batch or column purifications
Formulation	50% slurry
Preservative	20% ethanol
Unit Size	2 ml

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

Storage Instructions	2-8C
Support	6% Cross-linked agarose
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

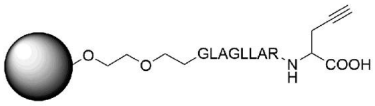
SELECTED REFERENCES

1. Shao, Y., *et al.* (2021). Enhancing Comprehensive Analysis of Newly Synthesized Proteins Based on Cleavable Bioorthogonal Tagging. *Anal Chem.*, **93 (27)**, 9408-9417. [PubMed]

DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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