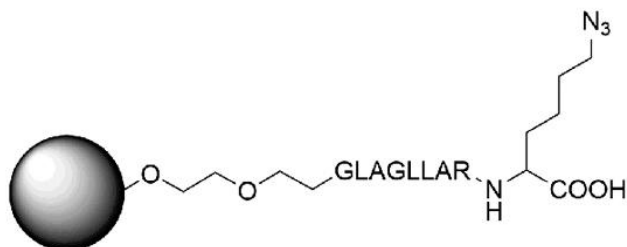




AGAROSE-GLAGLLAR-AZIDE

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

Activation Level	5-12 μ mol azide groups per mL resin
Appearance	Off-white slurry
Bead Size	Spherical, 50-150 μ m
Enrichment Target	Alkyne-modified proteins
Format	Batch or column purifications
Formulation	50% slurry

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



Preservative	20% ethanol
Unit Size	2 ml
Storage Instructions	2-8C
Support	6% Cross-linked agarose
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

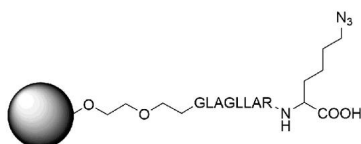
SELECTED REFERENCES

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



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