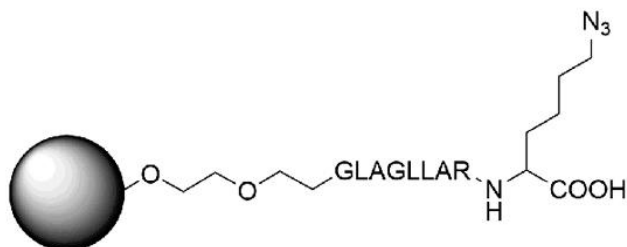


AGAROSE-GLAGLLAR-AZIDE

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 μ mol azide groups per mL resin
Bead size	Spherical, 50-150 μ m
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.

Shipping Conditions

Ambient temperature

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