

New lineup of FG beads

Immobilization via
Click Chemistry ! !

Azide beads

Easy immobilization of compounds with alkyne structure on FG beads via click chemistry !

Advantages of click chemistry

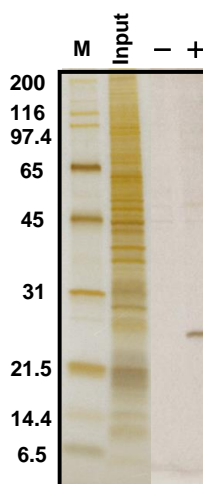
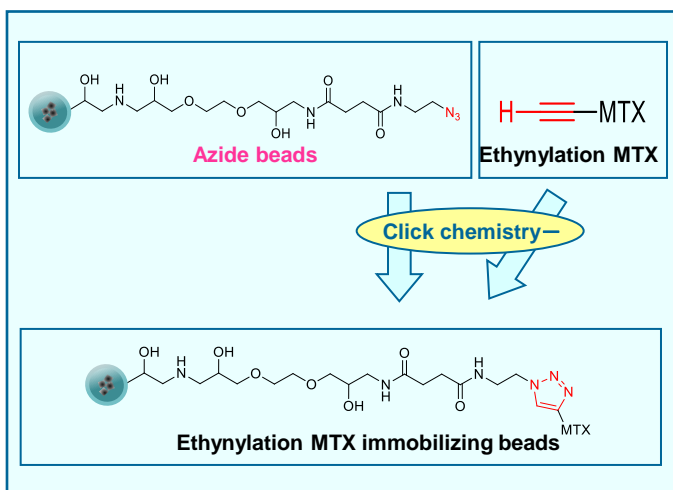
- Azide reacts specifically with alkynes, and not with other functional groups.
- Alkynes can be introduced into many organic compounds.
- Reaction progresses in many organic solvents and even in water.
- Reaction efficiency is so high that compounds with alkyne structure can be immobilized in a very small amount.

Applications

- Immobilization of medical agents (compounds) with alkyne structure, and affinity purification of target proteins in bio-specimens such as cell homogenate solution.
- When you want to immobilize your ligands selectively by site on FG beads, it becomes possible by introducing alkynes.

Usage example

- Immobilization of medicine MTX (Methotrexate) reacted with acetylene on **azide beads**
- Affinity purification of target protein **DHFR (Dihydrofolate reductase)** in HeLa cell homogenate solution



Capable of high purification of the target protein DHFR with low non-specific adsorption !

Pricing

Product name	Product number	Amount	Contents (Concentration)	Price USD
Azide beads	TAS8848N1160	5mg	0.25 mL × 1tube (20mg/mL)	\$350
		10mg	0.25 mL × 2tubes (20mg/mL)	\$700
		20mg	0.25 mL × 4tubes (20mg/mL)	\$1200

* Please specify the amount when ordering.

【For technical inquiries】
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