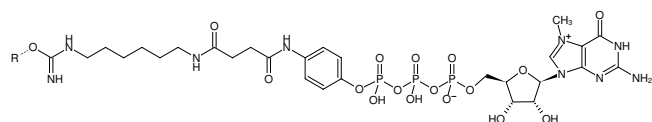




## Immobilized $\gamma$ -Aminophenyl- $m^7$ GTP ( $C_{10}$ -spacer)

$\gamma$ -Aminophenyl- $m^7$ GTP ( $C_{10}$ -spacer)-Agarose

Cat. No.	Amount
AC-155S	1 ml
AC-155L	5 ml



Structural formula of Immobilized  $\gamma$ -Aminophenyl- $m^7$ GTP ( $C_{10}$ -spacer)

Agarose characteristics	
Bead/Particle size	45-165 $\mu$ m
Recommended linear flow rate	11.5 cm/h
Maximum pressure	0.25 bar (3.6 psi)
pH stability	short term: 4 - 9 / long term: 7.5
Chemical stability	Stable to all solutions commonly used in gel filtration including 8 M urea and 6 M guanidine hydrochloride <b>Not stable in organic solvents!</b>
Sterilization	Not autoclavable!

R= Agarose

**For general laboratory use.**

**Shipping:** shipped at 4 °C

**Storage Conditions:** store at 4 °C

Short term exposure (up to 1 week cumulative) to ambient temperature possible.

**Shelf Life:** 12 months after date of delivery

**Applications:**

Suitable for purification of eukaryotic mRNA cap-binding proteins.

**Degree of substitution:** 5  $\mu$ mol - 7  $\mu$ mol  $m^7$ GTP/ml gel

**Storage buffer:** 20% Ethanol

**Selected References:**

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Webb *et al.* (1984) Purification of the messenger RNA cap-binding protein using a new affinity medium. *Biochemistry* **17,23(2)**:177.