Immobilized nucleotides for affinity chromatography
One step purification of nucleotide binding proteins

Affinity column
Sepharose® 4B or Toyopearl AF-650M

Matrix
Several types and lengths available

Linker
Nucleotide
Immobilized at different positions for optimal fit in nucleotide binding pocket

Protein Image: Antony M. Dean, University of Minnesota:
www.cbs.umn.edu/labs/deanlab/

® Sepharose is a trademark of Amersham Biosciences, Ltd.
Tailor-made affinity chromatography from Jena Bioscience

Immobilized nucleotides provide a convenient and rapid one-step purification procedure for a large number of proteins such as kinases, GTPases, chaperones, motor proteins, and others.

Jena Bioscience affinity chromatography material is tailor-made for purification (or for related assays) of particular NTP-binding proteins since we provide

- NTPs and dNTPs that are linked to the matrix at various positions of sugar, base or phosphate moiety of the nucleotide
- Different types and lengths of linkers
- Different types of chromatography material ranging from bulk material to pre-made columns that fit any machine

Please direct your inquiries to nucleotides@jenabioscience.com
Different types of chromatography material available

- Pre-packed MPLC columns based on Toyopearl AF-650M
- Pre-packed syringe columns based on Sepharose® 4B
- Pre-packed screening columns based on Sepharose® 4B
- Bulk materials based on Sepharose® 4B

For more information please contact us at nucleotides@jenabioscience.com

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Selected References


Product Information

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Unit Size</th>
<th>Price / €</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTPs immobilized on Sepharose 4B bulk materials</td>
<td>1 ml</td>
<td>50 – 220</td>
</tr>
<tr>
<td></td>
<td>5 ml</td>
<td>200 – 880</td>
</tr>
<tr>
<td>NTPs immobilized on Sepharose 4B pre-packed syringe columns</td>
<td>1 ml</td>
<td>80 - 240</td>
</tr>
<tr>
<td>NTPs immobilized on Sepharose 4B pre-packed screening columns</td>
<td>0.2 ml</td>
<td>25 - 59</td>
</tr>
<tr>
<td>NTPs immobilized on pressure - stable hydrophilic polymer pre-packed MPLC columns</td>
<td>1 ml</td>
<td>550 - 720</td>
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*price depends on type of nucleotide, linker position and lengths, see www.jenabioscience.com for details*