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## EMSA探针 – NF-κB (1.75μM)

产品编号	产品名称	包装
GS056	EMSA探针 – NF-κB (1.75μM)	60μl

### 产品简介:

- EMSA探针 – NF-κB是用于EMSA(也称gel shift)研究的NF-κB consensus oligonucleotide。这个双链寡核苷酸含有公认的NF-κB结合位点，可以用作EMSA研究时的探针。
- NF-κB consensus oligo的序列如下:  
 5' -AGT TGA GGG GAC TTT CCC AGG C-3'  
 3' -TCA ACT CCC CTG AAA GGG TCC G-5'
- 本EMSA探针可以使用T4 Polynucleotide Kinase在[γ-<sup>32</sup>P]ATP存在的情况下进行标记，也可以用于生物素标记。
- 一个包装的探针可以进行约30个同位素标记探针的反应，每次标记的探针可以测定约100个样品；或约可以进行20个生物素标记探针反应。如果作为未标记的探针用于同位素标记探针的冷竞争(cold competition)，可以进行30-60个冷竞争反应。

### 包装清单:

产品编号	产品名称	包装
GS056	EMSA探针 – NF-κB (1.75μM)	60μl
—	说明书	1份

### 保存条件:

-20°C保存一年有效。

### 注意事项:

- 避免加热到40°C以上，温度过高会导致双链DNA探针解聚成单链。而单链无法用于EMSA研究。
- 对于EMSA的详细操作可以参考我们的EMSA试剂盒的使用说明。
- 本产品仅限于专业人员的科学研究用，不得用于临床诊断或治疗，不得用于食品或药品，不得存放于普通住宅内。
- 为了您的安全和健康，请穿实验服并戴一次性手套操作。

### 使用说明:

1. 用于EMSA探针的标记，可以参考如下反应体系:

待标记探针(1.75μM)	2μl
T4 Polynucleotide Kinase 10X Buffer	1μl
Nuclease-Free Water	5μl
[γ- <sup>32</sup> P]ATP (3,000Ci/mmol at 10mCi/ml)	1μl
T4 Polynucleotide Kinase (5–10u/μl)	1μl
总体积	10μl

2. 如果用于生物素标记，具体方法和步骤可以参考碧云天的EMSA探针生物素标记试剂盒(GS008)。
3. 如果用于冷竞争，没有标记的探针的用量应该是标记探针的用量的50-100倍。

### 使用本产品的文献:

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