

Cas9 Nickase protein NLS (15 µg/µl)

保存:

-20°C

製品説明:

本品は、*Streptococcus pyogenes* 由来の Cas9 Nuclease の改変体で、Cas9 (D10A 変異型) 遺伝子を導入した大腸菌で発現させ、精製したタンパク質です。野生型 Cas9 Nuclease に変異(D10A) が導入されているため、二本鎖 DNA を切断せず、二本鎖 DNA の片鎖にニックを入れる活性を持ちます。本品は核移行シグナル (NLS) を有します。

製品内容:

Code No. 317-09161

| 構成成分 | 容量 |
|-------------------------------------|--------|
| Cas9 Nickase protein NLS (15 µg/µL) | 300 µg |

形状:

10 mM Tris-HCl (pH 7.5), 300 mM NaCl,
0.1 mM EDTA, 1 mM DTT, 50 % Glycerol

起源:

遺伝子組換え大腸菌

純度:

- ・ 本酵素 10 µg と基質 DNA を 37°C で 1 時間反応させても、DNA のアガロースゲル電気泳動パターンに変化は認められない。
- ・ 本酵素 10 µg と基質 RNA を 37°C で 1 時間反応させても、RNA のアガロースゲル電気泳動パターンに変化は認められない。

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