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HindIII-HF Enzyme

Catalogue No.: abx071034

HindIII is expressed and purified from *E. coli* that carries the recombinant HindIII gene. The recognition site is A[^]AGCTT. The reaction is conducted for 5-10 minutes at 37 °C, and heat-inactivated at 65 °C for 20 minutes. This enzyme is not sensitive to dam, dcm or mammalian CpG methylation.

One unit is defined as the amount of enzyme required to digest 1 µg of λ DNA in 1 hour at 37°C in a total reaction volume of 50 µl.

Target: HindIII

Epitope Region: Recognition site:
5'...A[^]AGCTT...3'
3'...TTCGA[^]A...5'

Form: Liquid

Storage: Store at -20°C. Stable for 12 months from date of receipt.

Molecular Weight: 35.8 kDa

Concentration: 20,000 units/ml

Buffer: HindIII storage buffer: 20 mM Tris-HCl pH 7.4, 250 mM NaCl, 0.1 mM EDTA, 1.5 mM DTT, 400 µg/ml BSA, 50% Glycerol.
10x buffer: 500 mM Tris-Ac pH 7.9, 1 M KAc, 120 mM MgAc₂, 1 mg/ml BSA.

Note: This product is for research use only. This product is shipped with dry ice.