



Alkaline Phosphatase

Alkaline Phosphatase is recombinantly expressed in E. coli, carries the TAB5 gene. The enzyme catalyzes the dephosphorylation of 5' and 3' ends of DNA and RNA phosphomonoesters. Also, it hydrolyses ribose, as well as deoxyribonucleoside triphosphates (NTPs and dNTPs). TAB5 Alkaline Phosphatase acts on 5' protruding, 5' recessed and blunt ends. It can also be used in many molecular biology applications, such as cloning or probe end labeling to remove the phosphorylated ends of DNA or RNA.

Cocentration: 5U/ μ L

Units/Pk: 500U/100 μ L; 2500U/500 μ L

Supplied with optimized reaction buffer for high yield & purity.

This product is produced by GMP process requirements while using Animal Origin Free (AOF) production process; and it is free from DNase & RNase contamination.

Catalog No.	56140001
Size	100 μ L / 250 μ L
Product Category	mRNA Raw Material