

Recombinant Beta-Lactamase TEM-1 (rTEM-1)

Product Information

Cat#	DIA-819
Descriptions	Recombinant Beta-lactamase TEM-1 (rTEM-1) is a recombinant class A β -lactamase that efficiently hydrolyzes penicillin and cephalosporin antibiotics, and is widely used as a reporter enzyme in molecular biology and antibiotic resistance mechanism research.
Applications	Recombinant Beta-lactamase TEM-1 (rTEM-1) is applied in antibiotic resistance detection kits and β -lactam drug assay reagent development.
CAS No.	411-05-1816
Activity Definition	One unit of enzyme activity is defined as the amount of enzyme which will hydrolyze 1.0 umol of benzyl penicillin in presence of EDTA at pH 7.0 and at 25°C.