



For research use only

ISO9001

**RecJ (E.coli)**

Product	Quantity	Cat. No.	Remarks
RecJ (E.coli)	2,000 unit	EBT-3023	10 unit/μl

**Description**

RecJ is a single-stranded DNA specific, 5' → 3' exonuclease. RecJ gene from K12 *E.coli* is overexpressed in *E.coli* strain and purified.

**Concentration & Storage Condition**

10 unit/μl, Store at -20°C.

**10x Reaction Buffer**

100 mM Tris-HCl, pH7.9, 500 mM NaCl, 100 mM MgCl<sub>2</sub>, 10 mM DTT.

**Storage Buffer**

10 mM Tris-HCl, pH 7.5, 50 mM KCl, 1 mM DTT, 0.1 mM EDTA, 0.1 mg/ml BSA and 50% glycerol.

**Unit Definition**

One unit is defined as the amount of enzyme required to degrade 1 μg single-stranded DNA in 50 μl within 30 minutes at 37°C.

**QC Tests**

Activity, SDS-PAGE purity, performance tests.



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