Recombinant E. coli Holliday Junction DNA Helicase RuvC

Cat. No. RuvC-2666E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant*E. coli*Holliday Junction DNA Helicase RuvC is expressed in E. coli. MW=19KDa.
Species	E.coli
Source	E.coli
Description	E. coli RuvC protein is a structurally specific endonuclease which binds specifically to the Holliday structure, an intermediate of recombination, at the late stage of homologous recombination and recombination repair and introduces a nick in the symmetrical point of the Holliday junction cleaving and resolving the recombinant.
Form	50% glycerol, 10 mM Tris-HCl (pH7.5), 2 mM EDTA, 100 mM NaCl, 5 mM mercaptoethanol.
Purity	RuvC protein over 90% by SDS-PAGE (CBB staining).
Usage	1) Studies on homologous recombination mechanism. 2) To use as endonuclease which functions specifically to the Holliday structure.
Concentration	1.0 mg/ml (determined by BCA method).
Storage	-20^{0}C.

GENE INFORMATION

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Gene Name	ruvC Crossover junction endodeoxyribonuclease ruvC [Escherichia coli O55:H7 str. CB9615]
Synonyms	ruvC; Crossover junction endodeoxyribonuclease ruvC
Gene ID	8871275
Protein Refseq	YP_003499863
Pathway	Homologous recombination

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