

Recombinant *E. coli* Holliday Junction DNA Helicase RuvC

SPECIFICATION

Cat.No.	RuvC-2666E
Species	<i>E. coli</i>
Product Name	Recombinant <i>E. coli</i> Holliday Junction DNA Helicase RuvC
Product Overview	Recombinant <i>E. coli</i> Holliday Junction DNA Helicase RuvC is expressed in <i>E. coli</i> MW=19KDa.
Description	<i>E. coli</i> 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.
Source	<i>E. coli</i>
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.
Storage	-20°C.
Concentration	1.0 mg/ml (determined by BCA method).
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