

Recombinant E. coli RuvB Protein

Cat. No. ruvB-02E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant E. coli tag-free RuvB Protein
Species	E.coli
Description	May directly convert replication forks into Holliday junctions. RuvABC is an enzymatic complex which functions in recombination pathways by binding to recombinational junctions and catalyzing strand cleavage and branch migration.
Molecular Mass	37 kDa
Purity	>95%
Applications	Functional studies in vitro; RuvA and RuvB form a complex that promotes Holiday junction (a recombination intermediatae) branch-migration by using ATP hydrolysis energy). Standard antigen for western blotting and ELISA
Storage	Ship at 4 centigrade or at -20 centigrade. Spin-down and store at -20 or -80 centigrade for longer period
Concentration	1.0 mg/mL (determined by BCA method)
Storage Buffer	50% glycerol, 10 mM Tris-HCl (pH7.5), 2 mM EDTA, 100 mM NaCl, 5 mM mercaptoethanol

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GENE INFORMATION

Gene Name ruvB Holliday junction branch migration complex subunit RuvB [Escherichia coli str. K-12 substr. MG1655]

Official Symbol [ruvB](#)

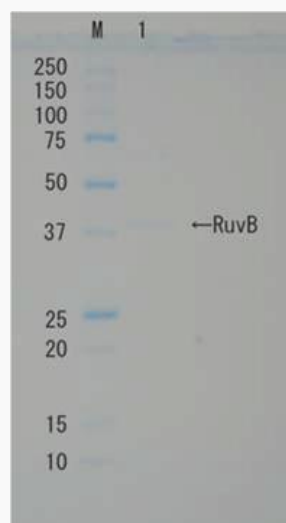
Synonyms ruvB; Holliday junction branch migration complex subunit RuvB; ECK1861; Holliday junction branch migration complex subunit RuvB

Gene ID [946371](#)

Protein Refseq [NP_416374](#)

UniProt ID [P0A812](#)

**SDS-PAGE analysis
of the purified RuvB
protein**



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