



Recombinant Escherichia coli Holliday junction ATP-dependent DNA helicase RuvB (ruvB)

Product Code	CSB-EP364094ENV
Relevance	The RuvA-RuvB complex in the presence of ATP renatures cruciform structure in supercoiled DNA with palindromic sequence, indicating that it may promote strand exchange reactions in homologous recombination. RuvAB is a helicase that mediates the Holliday junction migration by localized denaturation and reannealing.
Abbreviation	Recombinant E.coli ruvB protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P0A812
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MIEADRLISAGTTLPEDVADRAIRPKLLEEYVGQPQVRSQMEIFIKAALKRGDAL DHLLIFGPPGLGKTTLANIVANEMGVNLRRTSGPVLEKAGDLAAMLNLEPHDV LFIDEIHRLLSPVVEEVLYPAMEDYQLDIMIGEGPAARSIKIDLPPFTLIGATTRAG SLTSPLRDRFGIVQRLEFYQVPDLQYIVSRSARFMGLEMSDDGALEVARRARG TPRIANRLLRRVRDFAEVKHDGTISADIAAQALDMLNVDAEGFDYMDRKLALLAV IDKFFGGPVGLDNLAAAIGEERETIEDVLEPYLIQQGFLQRTPRGRMATTRAWN HFGITPPEMP
Research Area	Others
Source	E.coli
Target Names	ruvB
Protein Names	Recommended name: Holliday junction ATP-dependent DNA helicase RuvB EC= 3.6.4.12
Expression Region	1-336aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	53.2kDa
Protein Length	Full Length
Image	

