



Recombinant Mouse RuvB-like 2 (Ruvbl2)

Product Code	CSB-BP895272MO
Abbreviation	Ruvbl2
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.	Q9WTM5
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	ATVAATTKV PEIRDVTRIE RIGAHSHIRG LGLDDALEPR QASQGMVGGQ AARRAAGVVL EMIREGKIAG RAVLIAGQPG TGKTAIAMGM AQALGPDTPF TAIAGSEIFS LEMSKTEALT QAFRRSIGVR IKEETEIIIEG EVVEIQIDRP ATGTGSKVVGK LTLKTTEMET IYDLGTKMIE SLTKDKVQAG DVITIDKATG KISKLGRSFT RARDYDAMGS QTKFVQCPDG ELQKRKEVVH TVSLHEIDVI NSRTQGFLAL FSGDTGEIKS EVREQINAKV AEWREEGKAE IIPGVLFIDE VHMLDIESFS FLNRALES DM APVLIMATNR GITRIRGTSY QSPHGIPIDL LDRLLIVSTS PYSEKDTKQI LRIRCEEEDV EMSEDAYTVL TRIGLETSLR YAIQLITAAS LVCRKRKGTE VQVDDIKRVY SLFLDES RST QYMKEYQDAF LFNELKGETM DTS
Source	Baculovirus
Target Names	Ruvbl2
Protein Names	Recommended name: RuvB-like 2 EC= 3.6.4.12 Alternative name(s): p47 protein
Expression Region	2-463
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes the second human homologue of the bacterial RuvB gene. Bacterial RuvB protein is a DNA helicase essential for homologous recombination and DNA double-strand break repair. Functional analysis showed that this gene product has both ATPase and DNA helicase activities. This gene is physically linked to the CGB/LHB gene cluster on chromosome 19q13.3, and is very close (55 nt) to the LHB gene, in the opposite orientation.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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