



Recombinant Human RuvB-like 2 (RUVBL2)

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|--------------------------|---|
| Product Code | CSB-YP897459HU |
| 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. | Q9Y230 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | ATVTATTKV PEIRDVTRIE RIGAHSHIRG LGLDDALEPR QASQGMVGQL 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 LDRLLIVSTT PYSEKDTKQI LRIRCEEEDV EMSEDAYTVL TRIGLETSLR YAIQLITAAS LVCRKRKGTE VQVDDIKRVY SLFLDES RST QYMKEYQDAF LFNELKGETM DTS |
| Source | Yeast |
| Target Names | RUVBL2 |
| Protein Names | Recommended name: RuvB-like 2 EC= 3.6.4.12 Alternative name(s): 48 kDa TATA box-binding protein-interacting protein Short name= 48 kDa TBP-interacting protein 51 kDa erythrocyte cytosolic protein Short name= ECP-51 INO |
| 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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