

Recombinant Human RUVBL2 Protein, His-SUMO-tagged

Cat. No. RUVBL2-1360H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RUVBL2 Protein (2-467aa) was expressed in E. coli with N-terminal His-SUMO tag.
Species	Human
Source	E.coli
ProteinLength	2-467 a.a.
Description	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.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	67.0 kDa
AA Sequence	ATVTATTKVPEIRDVTRIERIGAHSHIRGLGLDDALEPRQASQGMVGQLAARRAAGV VLEMIREGKIAGRAVLIAQGPGTGKTAIAMGMAQALGPDTPFTAAGSEIFSLEMSKT EALTQAFRRSIGVRIKEETEIIEGEVVEIQIDRPATGTGSKVGKLTLLKTTMETIYDLGT KMIESLTKDKVQAGDVITIDKATGKISKLGRSFTRARDYDAMGSQTKFVQCPDGELQ KRKEVVHTVSLHEIDVINSRTQGFLALFSGDTGEIKSEVREQINAKVAEWREEGKAEII

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PGVLFIDEVHMLDIESFSFLNRALES DMAPVLIMATNRGITRIRGTSYQSPHGIPIDLLD
 RLLIVSTTPYSEKDTKQILRIRCEEEDVEMSEDAYTVLTRIGLETSLRYAIQLITAASLV
 CRKRKGTEVQVDDIKRVYSLFLDES RSTQYMKEYQDAFLFNELKGETMDTS

Purity Greater than 90% as determined by SDS-PAGE.

Storage The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION

Gene Name [RUVBL2 RuvB like AAA ATPase 2 \[Homo sapiens \(human\) \]](#)

Official Symbol [RUVBL2](#)

Synonyms RVB2; TIH2; ECP51; TIP48; CGI-46; ECP-51; INO80J; REPTIN; TIP49B; TAP54-beta; 48 kDa TATA box-binding protein-interacting protein; 48 kDa TBP-interacting protein; 51 kDa erythrocyte cytosolic protein; INO80 complex subunit J; RuvB (E coli homolog)-like 2; TIP60-associated protein 54-beta; erythrocyte cytosolic protein, 51-KD; repressing pontin 52; reptin52 protein

Gene ID [10856](#)

mRNA Refseq [NM_006666.2](#)

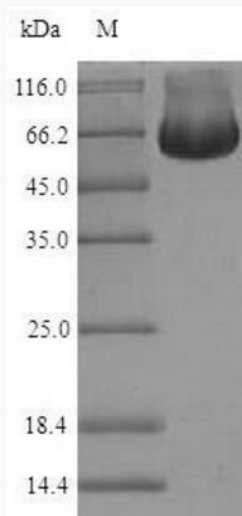
Protein Refseq [NP_006657.1](#)

UniProt ID [Q9Y230](#)

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