

Recombinant Human RAD51L1 protein, His-tagged

Cat. No. RAD51L1-2157H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAD51L1 (1-384aa) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-384aa
Form	1M PBS (58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH8.0), added with 300 mM Imidazole and 0.7% sarcosyl, 15% glycerol.
Molecular Mass	47 kDa
AA Sequence	MGSKKLKRVGLSQELCDRLSRHQILTCQDFLCLSPLELMKVTGLSYRGVHELLCMV SRACAPKMQTAYGIKAQRS ADFSPAFLSTTLSALDEALHGGVACGSLTEITGPPGC GKTQFCIMMSILATLPTNMGGLEGAVVYIDTESAFSAE RLVEIAESRFPRYFNTEEKL LLTSSKVHLYRELTCDLVLQRIESLEEEIISKGIKLVILDSVASVVRKEFDAQLQ GNLK ERNKFLAREASSLKYLAEFSPVIL
Stability	Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze thaw cycles.
Shipping	The product is shipped with ice packs. Upon receipt, store it immediately at -20 centigrade to -80 centigrade.

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GENE INFORMATION

Gene Name	RAD51B RAD51 homolog B (S. cerevisiae) [Homo sapiens]
Official Symbol	RAD51B
Synonyms	RAD51B; RAD51 homolog B (S. cerevisiae); RAD51 (S. cerevisiae) like 1 , RAD51 like 1 (S. cerevisiae) , RAD51L1; DNA repair protein RAD51 homolog 2; hREC2; R51H2; REC2; RecA-like protein; recombination repair protein; RAD51L1; MGC34245;
Gene ID	5890
mRNA Refseq	NM_002877
Protein Refseq	NP_002868
MIM	602948
UniProt ID	O15315
Chromosome Location	14q23-q24.2
Pathway	Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Homologous recombination, organism-specific biosystem; Homologous recombination, conserved biosystem;
Function	ATP binding; DNA binding; DNA-dependent ATPase activity; nucleoside-triphosphatase activity; nucleotide binding; protein binding;

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