

AR51328PU-S

Human RAD51L3 (1-216, His-tag) - Purified

Alternate names:	DNA repair protein RAD51 homolog 4, R51H3, RAD51 homolog D, RAD51-like protein 3, RAD51D, TRAD
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	RAD51D is a member of the RAD51 protein family. RAD51 family members are highly similar to bacterial RecA and <i>Saccharomyces cerevisiae</i> Rad51, which are known to be involved in the homologous recombination and repair of DNA. This protein forms a complex with several other members of the RAD51 family, including RAD51L1, RAD51L2, and XRCC2. The protein complex formed with this protein has been shown to catalyze homologous pairing between single- and double-stranded DNA, and is thought to play a role in the early stage of recombinational repair of DNA.
Uniprot ID:	O75771
NCBI:	NP_598332
GeneID:	5892
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Description:	Recombinant human RDA51D protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMGVLRVG LCPGLTEEMI QLLRSHRIKT VVDLVSADLE EVAQKCGLSY KAEALRRIQV VHAFDIFQML DVLQELRGTV AQQVTGSSGT VKVVVVDSVT AVVSPLLGGQ QREGLALMMQ LARELKTAR DLGMAVVVTN HITRDRDSGR LKPALGRSWS FVPSTRILLD TIEGAGASGG RRMACLA KSS RQPTGFQEMV DIGTWGTSEQ SATLQGDQT Molecular weight: 23.9 kDa (213aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Katoh M., et al. (2001) Int J Mol Med. 8(6): 611-5.

Pictures:

