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Product datasheet for AR51365PU-N

RAD51L3 (1-328, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	RAD51L3 (1-328, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMGVLRVG LCPGLTEEMI QLLRSHRIKT VVDLVSADLE EVAQKCGLSY KALVALRRVL LAQFSAFPVN GADLYEELKT STAILSTGIG SLDKLLDAGL YTGEVTEIVG GPGSGKTQVC LCMAANVAHG LQQNVLYVDS NGGLTASRLL QLLQAKTQDE EEQAEALRRI QVVHAFDIFQ MLDVLQELRG TVAQQVTGSS GTVKVVVVDS VTAVVSPLLG GQQREGLALM MQLARELKTL ARDLGMAVVV TNHITRDRDS GRLKPALGRS WSFVPSTRIL LDTIEGAGAS GGRRMACLAK SSRQPTGFQE MVDIGTWGTS EQSATLQGDQ T
Tag:	His-tag
Predicted MW:	37.4 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RAD51D protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001136043
Locus ID:	5892
UniProt ID:	O75771
Cytogenetics:	17q12
Synonyms:	BROVCA4; R51H3; RAD51L3; TRAD

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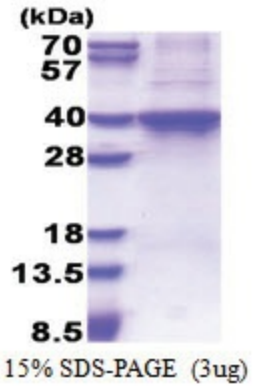
Summary: The protein encoded by this gene is a member of the RAD51 protein family. RAD51 family members are highly similar to bacterial RecA and Saccharomyces cerevisiae Rad51, which are known to be involved in the homologous recombination and repair of DNA. This protein forms a complex with several 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. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the downstream ring finger and FYVE-like domain containing 1 (RFFL) gene. [provided by RefSeq, Jan 2011]

Protein Families: Druggable Genome

Protein Pathways: Homologous recombination

Product images:



15% SDS-PAGE (3ug)