9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RAD51D (1-328) Human

RAD51D (1-328 a.a.) Human Recombinant
RCP1788

Product Overview

Name	RAD51D (1-328) Human
Description	
RAD51D (1-328 a.a.) Human Recombinant	
Accession (Primary)	O75771
Synonyms	
BROVCA4, R51H3, RAD51L3, TRAD, DNA repair protein RAD51 homolog 4, RAD51 homolog D, RAD51-like protein 3, RAD51D.	
Introduction	
RAD51D is a member of the RAD51 protein family whose members are extremely similar to bacterial RecA and Saccharomyces cerevisiae Rad51. RAD51 protein family members take part in the homologous recombination and repair of DNA. RAD51D forms a complex with several other members of the RAD51 family which catalyzes homologous pairing between single- and double-stranded DNA, and participates in the early stage of recombinational repair of DNA.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
RAD51D (1-328) solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MGVLRVG LCPGLTEEMI QLLRSHRIKT VVDLVSADLE EVAQKCGLSY KALVALRRVL LAQFSAFPVN GADLYEELKT STAILSTGIG SLDKLLDAGL YTGEVTEIVG GPGSGKTQVC	

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LCMAANVAHG LQQNVLYVDS NGGLTASRLL QLLQAKTQDE EEQAEALRRI QVVHAFDIFQ MLDVLQELRG TVAQQVTGSS GTVKVVVVDS VTAVVSPLLG GQQREGLALM MQLARELKTL ARDLGMAVVV TNHITRDRDS GRLKPALGRS WSFVPSTRIL LDTIEGAGAS GGRRMACLAK SSRQPTGFQE MVDIGTWGTS EQSATLQGDQ T.

Precautions

RAD51D (1-328) Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O75771)