9051 Mira Mesa Blvd, #910094
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XRCC3 Human

X-Ray Repair Cross Complementing Protein 3 Human Recombinant
RCP2592

Product Overview

Name	XRCC3 Human
Description	
X-Ray Repair Cross Complementing Protein 3 Human Recombinant	
Accession (Primary)	O43542
Synonyms	
X-ray repair cross complementing protein 3, RAD51-like.	
Introduction	
Recombinant Human X-Ray Repair Cross Complementing Protein 3, also referred to XRCC3, is a member of RecA family and RAD51 subfamily. The protein takes partin homologous recombination to maintain chromosome stability and repair DNA damage. XRCC3functionally complements Chinese hamster irs1SF, a repair-deficient mutant that shows hypersensitivity to a number of different DNA-damaging agents & chromosomally unstable.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The XRCC3 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M urea.	
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 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MDLDLLDLNP RIIAAIKKAK LKSVKEVLHF SGPDLKRLTN LSSPEVWHLL RTASLHLRGS SILTALQLHQ QKERFPTQHQ RLSLGCPVLD ALLRGGLPLD GITELAGRSS AGKTQLALQL CLAVQFPRQH GGLEAGAVYI CTEDAFPHKR LQQLMAQQPR LRTDVPGELL QKLRFGSQIF IEHVADVDTL LECVNKKVPV LLSRGMARLV VIDSVAAPFR CEFDSQASAP RARHLQSLGA TLRELSSAFQ SPVLCINQVT EAMEEQGAAH GPLGFWDERV SPALGITWAN QLLVRLLADR LREEEAALGC PARTLRVLSA PHLPPSSCSY	

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TISAEGVRGT PGTQSH

Precautions

XRCC3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O43542)