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32-13509: XRCC3 Human

Alternative Name : X-ray repair cross complementing protein 3, RAD51-like.

Description

Source: Escherichia Coli.
Sterile Filtered colorless solution.
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.
XRCC3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 366 amino acids (1-346 a.a.) and having a molecular mass of 40 kDa. XRCC3 is fused to a 20 amino acid His tag at N-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	5 µg / 20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	The XRCC3 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M urea.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MDLDLLDLNP RIIAAIKKAK LKSVKEVLHF SGPDLKRLTN LSSPEVWHLL RTASLHLRGS SILTALQLHQ QKERFPTQHQ RLSLGCPVLD ALLRGGLPLD GITELAGRSS AGKTQLALQL CLAVQFPRQH GGLEAGAVYI CTEDAFPHKR LQQLMAQQPR LRTDVPGELL QKLRFGSQIF IEHVADVDTL LECVNKKVPV LLSRGMARLV VIDSVAAPFRCEFDSQASAP RARHLQSLGA TLRELSSAFQ SPVLCINQVT EAMEEQGAAH GPLGFWDERV SPALGITWAN QLLVRLLADR LREEEAALGC PARTLRVLSA PHLPPSSCSY TISAEGVRGT PGTQSH