Recombinant Human XRCC4 protein, His-tagged

Cat. No. XRCC4-3529H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human XRCC4 protein(6-310 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	6-310 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	SRIHLVSEPSITHFLQVSWEKTLESGFVITLTDGHSAWTGTVSESEISQEADDMAME KGKYVGELRKALLSGAGPADVYTFNFSKESCYFFFEKNLKDVSFRLGSFNLEKVENP AEVIRELICYCLDTIAENQAKNEHLQKENERLLRDWNDVQGRFEKCVSAKEALETDL YKRFILVLNEKKTKIRSLHNKLLNAAQEREKDIKQEGETAICSEMTADRDPVYDESTD EESENQTDLSGLASAAVSKDDSIISSLDVTDIAPSRKRRQRMQRNLGTEPKMAPQEN QLQEKEKGRKKETSEKEAV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	cycles.
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	XRCC4 X-ray repair complementing defective repair in Chinese hamster cells 4 [Homo sapiens]
Official Symbol	XRCC4
Synonyms	XRCC4; X-ray repair complementing defective repair in Chinese hamster cells 4; DNA repair protein XRCC4; X ray repair; complementing defective; repair in Chinese hamster; X-ray repair cross-complementing protein 4; X-ray repair, complementing defective, repair in Chinese hamster;
Gene ID	7518
mRNA Refseq	NM_003401
Protein Refseq	NP_003392
MIM	194363
UniProt ID	Q13426

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