

Recombinant Human XRCC4 protein, GST-tagged

Cat. No. XRCC4-4380H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human XRCC4 protein(Q13426)(1-336aa), fused to N-terminal GST tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	1-336aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	65.3 kDa
AA Sequence	MERKISRHLVSEPSITHFLQVSWEKTLESGFVITLTDGHSAWTGTVSESEISQEADD MAMEKGKYVGELRKALLSGAGPADVYTFNFSKESCYFFFEKNLKDVSFRLGFSFNLE KVENPAEVIRELICyclDTIAENQAKNEHLQKENERLLRDWNDVQGRFEKCVSAKEA LETDLYKRFILVLNEKTKIRSLHNKLLNAAQEREKDIKQEGETAICSEMTADRDPVYD ESTDEESENQTDLSGLASAAVSKDDSISSLVDVTDIAPSRKRRQRMQRNLGTEPKMA PQENQLQEKENSRPDSSLPETSKKEHISAENMSLETLRNSSPEDLFDEI
Purity	Greater than 90% as determined by SDS-PAGE.

 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

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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