

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 LETDLYKRFILVLNEKKTKIRSLHNKLLNAAQEREKDIKQEGETAICSEMTADRDVPYD ESTDEESENQTDLSGLASAAVSKDDSISSLVDVTDIAPSRKRRQRMQRNLGTEPKMA PQENQLQEKENSRPDSSLPETSKKEHISAENMSLETLRNSSPEDLFDEI
Purity	Greater than 90% as determined by SDS-PAGE.

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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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