

Recombinant Human XRCC3 protein, His-SUMO-tagged

Cat. No. XRCC3-3772H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human XRCC3 protein(O43542)(1-316aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-316aa
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	50.8 kDa
AA Sequence	MDLDLLDLNPRIIAAIKKAKLKSVEVLHFSGPDLKRLTNLSSPEVWHLLRTASLHLRG SSILTALQLHQKERFPTQHQRLSLGCPVLDALLRGGLPLDGITELAGRSSAGKTQL ALQLCLAVQFPRQHGGLEAGAVYICTEDAFPHKRLQQQLMAQQPRLRTDVPGELLQK LRFGSQIFIEHVADVDTLLECVNKKVPVLLSRGMARLVVIDSVAAPFRCEFDQSASAP RARHLQSLGATLRELSSAFQSPVLCINQVTEAMEEQGAAHGPLGFWDERVSPALGI TWANQLLVRLADRLREEEAALGCPARTLR
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	XRCC3 X-ray repair complementing defective repair in Chinese hamster cells 3 [Homo sapiens]
Official Symbol	XRCC3
Synonyms	XRCC3; X-ray repair complementing defective repair in Chinese hamster cells 3; DNA repair protein XRCC3; RAD51 like; X-ray repair cross-complementing protein 3; CMM6;
Gene ID	7517
mRNA Refseq	NM_001100118
Protein Refseq	NP_001093588
MIM	600675
UniProt ID	O43542

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