

Recombinant Human RAD52 protein, GST-tagged

Cat. No. RAD52-301602H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAD52 (234-418 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met234-Ser418
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MADQDCSSRSLSSSAVESEATHQRKLRQKQLQQQFRERMEKQQVVRVSTPSAEKS EAAPPAPPVTHSTPVTVSEPLLEKDFLAGVTQELIKTLEDNSEKWAVTPDAGDGVVK PSSRADPAQTSDTLALNNQMVTQNRTPHSVCHQKPQAKSGSWDLQTY SADQRTT GNWESHRKSQDMKKRKYDPS
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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

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GENE INFORMATION**Gene Name** RAD52 RAD52 homolog (*S. cerevisiae*) [*Homo sapiens*]**Official Symbol** RAD52**Synonyms** RAD52; RAD52 homolog (*S. cerevisiae*); RAD52 (*S. cerevisiae*) homolog; DNA repair protein RAD52 homolog; recombination protein RAD52; rhabdomyosarcoma antigen MU-RMS-40.23;**Gene ID** 5893**mRNA Refseq** NM_134424**Protein Refseq** NP_602296**MIM** 600392**UniProt ID** P43351 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