

Recombinant Human RAD50 protein, GST-tagged

Cat. No. RAD50-301476H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAD50 (275-425 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu275-Lys425
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	LDSRKKQMEKDNSELEEKMEKVFQGTDEQLNDLYHNNHQRTVREKERKLV DCHREL EKLNKESRLLNQEKSSELLVEQGRLLQADRHQEHIRARDSLIQSLATQLELDGFERG PFSERQIKNFHKLVRERQEGEAKTANQLMNDFAEKETLK
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 cycles.

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GENE INFORMATION

Gene Name	RAD50 RAD50 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	RAD50
Synonyms	RAD50; RAD50 homolog (S. cerevisiae); RAD50 (S. cerevisiae) homolog; DNA repair protein RAD50; hRad50; RAD50 2; NBSLD; RAD502;
Gene ID	10111
mRNA Refseq	NM_005732
Protein Refseq	NP_005723
MIM	604040
UniProt ID	Q92878

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