

Recombinant Human RAD51D protein, His-tagged

Cat. No. RAD51D-2554H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAD51D protein(170-328 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	170-328 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	VHAFDIFQMLDVLQELRGTVAAQQTGSSGTVKVVVDSVTAVVSPLLGGQQREGLA LMMQLARELKTLDLGMVVVTNHITRDRDSGRLKPALGRSWSFVPSTRILLDTIE GAGASGGRRMACLAKSSRQPTGFQEMVDIGTWGTSEQSATLQGDQT
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

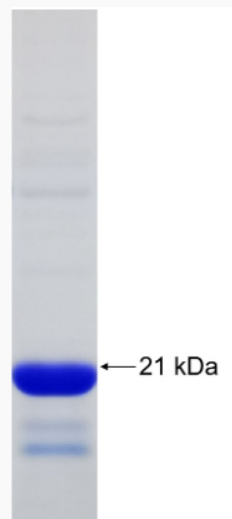
GENE INFORMATION

Gene Name	RAD51D RAD51 homolog D (S. cerevisiae) [Homo sapiens]
Official Symbol	RAD51D
Synonyms	RAD51D; RAD51 homolog D (S. cerevisiae); RAD51 (S. cerevisiae) like 3 , RAD51 like 3 (S. cerevisiae) , RAD51L3; DNA repair protein RAD51 homolog 4; HsTRAD; R51H3; recombination repair protein; Trad; RAD51-like protein 3; TRAD; BROVCA4; RAD51L3;
mRNA Refseq	NM_001142571
Protein Refseq	NP_001136043
MIM	602954
UniProt ID	O75771
Gene ID	5892

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