

## Recombinant Human RAD50 protein, His&Myc-tagged

Cat. No. RAD50-5353H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RAD50 protein(Q92878)(1-235aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-235aa
<b>Form</b>	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.
<b>Molecular Mass</b>	34.1 kDa
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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.

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**AA Sequence**

MSRIEKMSILGVRSFGIEDKDKQIITFFSPLTILVGPNGAGKTTIIECLKYICTGDFPPGT  
KGNTFVHDPKVAQETDVRAQIRLQFRDVGELIAVQRSMVCTQKSKKTEFKTLEGI  
TRTKHGEKVSLSSKCAEIDREMISSLGVSKAVLNNVIFCHQEDSNWPLSEGKALKQK  
FDEIFSATRYIKALETLRQVRQTQGQKVKEYQMELKYLKQYKEKACEIRDQITSKEAQ  
LT

**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

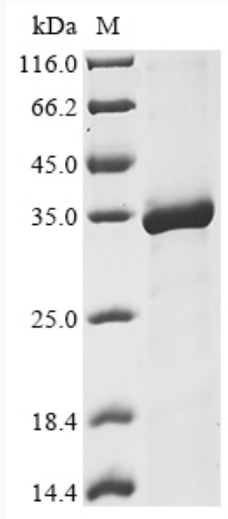
**UniProt ID** Q92878

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**SDS-PAGE**



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