# RAD54 (human), (recombinant)

RAD54 is a helicase that plays an essential role in homologous recombination. It belongs to a family of SNF2-related nucleosome remodeling enzymes (DNA-dependent ATPases). These ATP-dependent motor proteins are major factors of chromatin structure and transcriptional control in vivo. SNF2-related factors have been implicated in a variety of cancers in humans.

## Ordering Information

Order Online »

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| **ENZ-PRT353-0050** | 50µl |

## Manuals, SDS & CofA

View Online »

## Handling & Storage

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|---|---|
| **Handling** | Thaw and freeze quickly, in room-temperature water bath and liquid nitrogen, respectively; keep on ice when not in storage; split in small aliquots upon first thawing; avoid excessive freeze-thaw cycles. |
| **Long Term Storage** | -80°C |
| **Shipping** | Dry Ice |

## Product Details

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|---|---|
| **Alternative Name** | DNA repair and recombination protein RAD54-like, RAD54A, RAD54L |
| **Formulation** | Liquid. In 20 mM Tris-HCl, pH 7.9, 150 mM NaCl, 15% glycerol, 2 mM $MgCl_2$, 0.2 mM EDTA, 1 mM DTT, 10 mM beta-glycerophospate, 0.4 mM PMSF, 1 mM benzamidine and 0.4 mg/ml recombinant human insulin. |
| **MW** | ~86 kDa |
| **Purity Detail** | Purified by immunoaffinity chromatography. |
| **Source** | Produced in insect (Sf9) cells. Human RAD54 (aa 2-746) 6xHis and FLAG-tag at the N-terminus. |
| **UniProt ID** | Q92698 |

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