

## RAD51D Human Recombinant

<b>Item Number</b>	rAP-4617
<b>Synonyms</b>	BROVCA4, R51H3, RAD51L3, TRAD, DNA repair protein RAD51 homolog 4, RAD51 homolog D, RAD51-like protein 3, RAD51D.
<b>Description</b>	RAD51D Human Recombinant produced in E. coli is a single polypeptide chain containing 239 amino acids (1-216 a.a) and having a molecular mass of 25.7kDa. RAD51D is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	O75771
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MGSMGVLVVG LCPGLTEEMI QLLRSHRIKT VVDLVSADLE EVAQKCGLSY KAEALRRIQV VHAFDIFQML DVLQELRGTV AQQVTGSSGT VKVVVWDSVT AV- VSPLGGQ QREGLALMMQ LARELKTAR DLGMAVVVN HITRDRDSGR LKPALGRSWS FVPSTRILLD TIEGAGASGG RRMACLA KSS RQPTGFQEMV DIGTWGTSEQ SATLQGDQT.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	RAD51D solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**