

## 32-4588: Recombinant Human RAD51D

**Alternative Name :** BROVCA4,R51H3,RAD51L3,TRAD,DNA repair protein RAD51 homolog 4,RAD51 homolog D,RAD51-like protein 3,RAD51D.

### Description

Source : Escherichia Coli. 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. RAD51D is a member of the RAD51 protein family whose members are extremely similar to bacterial RecA and Saccharomyces cerevisiae Rad51. RAD51 protein family members take part in the homologous recombination and repair of DNA. RAD51D forms a complex with several other members of the RAD51 family which catalyzes homologous pairing between single- and double-stranded DNA, and participates in the early stage of recombinational repair of DNA.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** RAD51D solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHH SSGLVPRGSH MGSMGVLRVG LCPGLTEEMI QLLRSHRIKT VVDLV SADLE  
EVAQKCGLSY KAEALRRIQV VHAFDIFQML DVLQELRGTV AQQVTGSSGT VKVWVDSVT AVWSPLLGGQ  
QREGLALMMQ LARELKTAR DLGMAVVVTN HITRDRDSGR LKPALGRSWS FVPSTRILLD TIEGAGASGG  
RRMACLAKSS RQPTGFQEMV DIGTWGTSEQ SATLQGDQT.

