NKMAXBIO We support you, we believe in your research

Recombinant human RAD51D iso4 protein

Catalog Number: ATGP2508

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-216aa

UniProt No.

075771

NCBI Accession No.

NP 598332

Alternative Names

RAD51 homolog D isoform 4, BROVCA4, R51H3, RAD51L3, TRAD

PRODUCT SPECIFICATION

Molecular Weight

25.7 kDa (239aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

RAD51D is a member of the RAD51 protein family. RAD51 family members are highly similar to bacterial RecA and Saccharomyces cerevisiae Rad51, which are known to be involved in the homologous recombination and repair of DNA. This protein forms a complex with several other members of the RAD51 family, including RAD51L1, RAD51L2, and XRCC2. The protein complex formed with this protein has been shown to catalyze homologous pairing between single- and double-stranded DNA, and is thought to play a role in the early stage of recombinational repair of DNA. Recombinant human RDA51D protein, fused to His-tag at N-terminus, was



NKMAXBIO We support you, we believe in your research

Recombinant human RAD51D iso4 protein

Catalog Number: ATGP2508

expressed in E. coli.

Amino acid Sequence

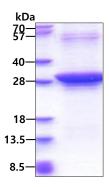
<MGSSHHHHHH SSGLVPRGSH MGS>MGVLRVG LCPGLTEEMI QLLRSHRIKT VVDLVSADLE EVAQKCGLSY KAEALRRIQV VHAFDIFQML DVLQELRGTV AQQVTGSSGT VKVVVVDSVT AVVSPLLGGQ QREGLALMMQ LARELKTLAR DLGMAVVVTN HITRDRDSGR LKPALGRSWS FVPSTRILLD TIEGAGASGG RRMACLAKSS RQPTGFQEMV DIGTWGTSEQ SATLQGDQT

General References

Katoh M., et al. (2001) Int J Mol Med. 8(6): 611-5.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

