

Datasheet for ABIN5853478

RAD51D Protein (AA 1-216, Iso4) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	RAD51D
Protein Characteristics:	AA 1-216, Iso4
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAD51D protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSMGVLRVG LCPGLTEEMI QLLRSHRIKT VVDLVSADLE EVAQKCGLSY KAEALRRIQV VHAFDIFQML DVLQELRGTV AQQVTGSSGT VKVWVDSVT AVVSPLLGGQ QREGLALMMQ LARELKTAR DLGMAVVVTN HITRDRDSGR LKPALGRSWS FVPSTRILLD TIEGAGASGG RRMACLA KSS RQPTGFQEMV DIGTWGTSEQ SATLQGDQT
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	RAD51D
Alternative Name:	RAD51D (RAD51D Products)
Background:	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

Target Details

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 expressed in E.coli.

Molecular Weight: 23.9 kDa (213aa), confirmed by MALDI-TOF

NCBI Accession: [NP_598332](#)

UniProt: [O75771](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Denatured

Restrictions: For Research Use only

Handling

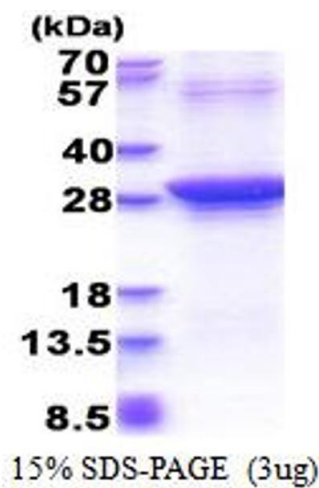
Format: Liquid

Concentration: 1 mg/mL

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

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE
Image 1.