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Datasheet for ABIN7505246

RAD51 Protein (AA 2-339) (His tag)

Overview

Quantity:	100 µg
Target:	RAD51
Protein Characteristics:	AA 2-339
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAD51 protein is labelled with His tag.

Product Details

Sequence:	Ala 2-Asp 339
Characteristics:	A DNA sequence encoding the Human Rad51 protein (Q06609) (Ala 2-Asp 339) was expressed with a N-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	RAD51
Alternative Name:	Rad51 (RAD51 Products)
Background:	<p>Background: Plays an important role in homologous strand exchange, a key step in DNA repair through homologous recombination. Binds to single and double-stranded DNA and exhibits DNA-dependent ATPase activity. Catalyzes the recognition of homology and strand exchange</p> <p>Synonym: DNA repair protein RAD51 homolog 1,RAD51, HsRAD51, hRAD51</p>

Target Details

Molecular Weight:	37.07 kDa
UniProt:	Q06609
Pathways:	DNA Damage Repair

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months