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Datasheet for ABIN7505247

RAD1 Protein (AA 1-282) (His tag)

Overview

Quantity:	100 µg
Target:	RAD1
Protein Characteristics:	AA 1-282
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAD1 protein is labelled with His tag.

Product Details

Sequence:	Met 1-Ser 282
Characteristics:	A DNA sequence encoding the Human RAD1 protein (O60671) (Met 1-Ser 282) was expressed with a N-His&C-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	RAD1
Alternative Name:	RAD1 (RAD1 Products)
Background:	<p>Background: Component of the 9-1-1 cell-cycle checkpoint response complex that plays a major role in DNA repair. The 9-1-1 complex is recruited to DNA lesion upon damage by the RAD17-replication factor C (RFC) clamp loader complex. Acts then as a sliding clamp platform</p> <p>Synonym: Cell cycle checkpoint protein RAD1, RAD1, DNA repair exonuclease rad1</p>

Target Details

	homolog,Rad1-like DNA damage checkpoint protein
Molecular Weight:	30.91 kDa
UniProt:	O60671
Pathways:	M Phase

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