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## Datasheet for ABIN1609300 RAD51 Protein (AA 2-339) (His tag)



Overview	
Quantity:	1 mg
Target:	RAD51
Protein Characteristics:	AA 2-339
Origin:	Chinese Hamster
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAD51 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	AMQMQLEAN ADTSVEEESF GPQPISRLEQ CGISANDVKK LEEAGFHTVE AVAYAPKKEL
	INIKGISEAK ADKILAEAAK LVPMGFTTAT EFHQRRSEII QITTGSKELD KLLQGGIETG
	SITEMFGEFR TGKTQICHTL AVTCQLPIDR GGGEGKAMYI DTEGTFRPER LLAVAERYGL
	SGSDVLDNVA YARGFNTDHQ TQLLYQASAM MVESRYALLI VDSATALYRT DYSGRGELSA
	SGSDVLDNVA YARGFNTDHQ TQLLYQASAM MVESRYALLI VDSATALYRT DYSGRGELSA RQMHLARFLR MLLRLADEFG VAVVITNQVV AQVDGAAMFT ADPKKPIGGN IIAHASTTRL
Specificity:	RQMHLARFLR MLLRLADEFG VAVVITNQVV AQVDGAAMFT ADPKKPIGGN IIAHASTTRL
Specificity: Characteristics:	RQMHLARFLR MLLRLADEFG VAVVITNQVV AQVDGAAMFT ADPKKPIGGN IIAHASTTRL YLRKGRGETR ICKVYDSPCL PEAEAMFAIN ADGVGDAKD
	RQMHLARFLR MLLRLADEFG VAVVITNQVV AQVDGAAMFT ADPKKPIGGN IIAHASTTRL YLRKGRGETR ICKVYDSPCL PEAEAMFAIN ADGVGDAKD Cricetulus griseus (Chinese hamster) (Cricetulus barabensis griseus)

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## Target Details

Target:	RAD51
Alternative Name:	DNA repair protein RAD51 homolog 1 (RAD51) (RAD51 Products)
Background:	Recommended name: DNA repair protein RAD51 homolog 1
UniProt:	P70099
Pathways:	DNA Damage Repair

## **Application Details**

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system
	for secretion and intracellular expression. A protein expressed by the mammalian cell system is
	of very high-quality and close to the natural protein. But the low expression level, the high cost
	of medium and the culture conditions restrict the promotion of mammalian cell expression
	systems. The yeast protein expression system serve as a eukaryotic system integrate the
	advantages of the mammalian cell expression system. A protein expressed by yeast system
	could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the
	native protein conformation. It can be used to produce protein material with high added value
	that is very close to the natural protein. Our proteins produced by yeast expression system has
	been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

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