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Datasheet for ABIN1459368 RAD51 Protein (AA 1-339) (His tag)



Overview	
Quantity:	1 mg
Target:	RAD51
Protein Characteristics:	AA 1-339
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAD51 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	
Sequence:	MAMQVQFEAS TDTSAEEESF GPEPISRLEQ CGINANDVKK LEEAGYHTVE SVAHAPKKEL
Sequence:	MAMQVQFEAS TDTSAEEESF GPEPISRLEQ CGINANDVKK LEEAGYHTVE SVAHAPKKEL LNIKGISEAK ADKILAEAAK LVPMGFTTAT EFHQRRSEII QITTGSKELD KLLQGGIETG
Sequence:	
Sequence:	LNIKGISEAK ADKILAEAAK LVPMGFTTAT EFHQRRSEII QITTGSKELD KLLQGGIETG
Sequence:	LNIKGISEAK ADKILAEAAK LVPMGFTTAT EFHQRRSEII QITTGSKELD KLLQGGIETG SITELFGEFR TGKTQLCHTL AVTCQLPIDR GGGEGKAMYI DTEGTFRPER LLAVAERYGL
Sequence:	LNIKGISEAK ADKILAEAAK LVPMGFTTAT EFHQRRSEII QITTGSKELD KLLQGGIETG SITELFGEFR TGKTQLCHTL AVTCQLPIDR GGGEGKAMYI DTEGTFRPER LLAVAERYGL SGSDVLDNVA YARGFNTDHQ TQLLYQASAM MAESRYALLI VDSATALYRT DYSGRGELSA
Sequence: Specificity:	LNIKGISEAK ADKILAEAAK LVPMGFTTAT EFHQRRSEII QITTGSKELD KLLQGGIETG SITELFGEFR TGKTQLCHTL AVTCQLPIDR GGGEGKAMYI DTEGTFRPER LLAVAERYGL SGSDVLDNVA YARGFNTDHQ TQLLYQASAM MAESRYALLI VDSATALYRT DYSGRGELSA RQMHLARFLR MLLRLADEFG VAVVITNQVV AQVDGAAMFA ADPKKPIGGN IIAHASTTRL
	LNIKGISEAK ADKILAEAAK LVPMGFTTAT EFHQRRSEII QITTGSKELD KLLQGGIETG SITELFGEFR TGKTQLCHTL AVTCQLPIDR GGGEGKAMYI DTEGTFRPER LLAVAERYGL SGSDVLDNVA YARGFNTDHQ TQLLYQASAM MAESRYALLI VDSATALYRT DYSGRGELSA RQMHLARFLR MLLRLADEFG VAVVITNQVV AQVDGAAMFA ADPKKPIGGN IIAHASTTRL YLRKGRGETR ICKIYDSPCL PEAEAMFAIN ADGVGDAKE
Specificity:	LNIKGISEAK ADKILAEAAK LVPMGFTTAT EFHQRRSEII QITTGSKELD KLLQGGIETG SITELFGEFR TGKTQLCHTL AVTCQLPIDR GGGEGKAMYI DTEGTFRPER LLAVAERYGL SGSDVLDNVA YARGFNTDHQ TQLLYQASAM MAESRYALLI VDSATALYRT DYSGRGELSA RQMHLARFLR MLLRLADEFG VAVVITNQVV AQVDGAAMFA ADPKKPIGGN IIAHASTTRL YLRKGRGETR ICKIYDSPCL PEAEAMFAIN ADGVGDAKE Gallus gallus (Chicken)

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Target Details

Target:	RAD51
Alternative Name:	DNA repair protein RAD51 homolog 1 (RAD51A) (RAD51 Products)
Background:	Recommended name: DNA repair protein RAD51 homolog 1
UniProt:	P37383
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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