

Datasheet for ABIN1609713  
**RAD51 Protein (AA 1-342) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RAD51
Protein Characteristics:	AA 1-342
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAD51 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MTTMEQRRNQ NAVQQQDDEE TQHGPFPEVEQ LQAAGIASVD VKKLRDAGLC TVEGVAYTPR KDLLQIKGIS DAKVDKIVEA ASKLVPLGFT SASQLHAQRQ EIIQITSGSR ELDKVLEGGI ETGSITELYG EFRSGKTQLC HTLCVTCQLP MDQGGGEGKA MYIDAEGTFR PQRLLQIADR FGLNGADVLE NVAYARAYNT DHQSRLLEA ASMMIETRFA LLIVDSATAL YRTDFSGRGE LSARQMHLAK FLRSLQKLAD EFGVAVVITN QVVAQVDGSA LFAGPQFKPI GGNIMAHATT TRLALRKGRA EERICKVISS PCLPEAEARF QISTEGVTDC KD
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

## Target Details

Target:	RAD51
Alternative Name:	DNA repair protein RAD51 homolog 1 (RAD51) ( <a href="#">RAD51 Products</a> )
Background:	Recommended name: DNA repair protein RAD51 homolog 1. Alternative name(s): Rad51-like protein 1. Short name= AtRAD51
UniProt:	<a href="#">P94102</a>
Pathways:	<a href="#">DNA Damage Repair</a>

## 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 modified 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.