

Datasheet for ABIN1459022

RAD52 Protein (AA 1-422) (His tag)



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Overview

Quantity:	1 mg
Target:	RAD52
Protein Characteristics:	AA 1-422
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAD52 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPERQGKDSE SHVSSSCTST SNSVACFGQY QYTANEYQAI QHALRQKLGP EYISSRQAGG GQKVCYIEGH KVISLANEMF GFNGWAHSV TQQNVDFVDLN NGRFYVGVCA FVKVQLKDGS YHEDVGYGVS EGLKSKALSL EKARKEAVTD GLKRALKCFG NALGNCILDK DYLOQAVNKL P RQMPPDLV KTKRQDYEP EIEKARYDGCL ERQNPGRWQQ CEMAPTCKPT HTEASRVTED QKQPSSSGNT DSPAVECDAT YQRKLRQKQL QQWFWEQMEK RRQVKEVTPS SKQATANPPV KHSTPAAVQQ ELAIEEEFFA DDLELWDISL ETTDLNKL MC HKAAGSPAAQ QPPETPHRRH QMTTRNRTPQ RMHYHKPPVR FAQLQPSAAL TSNSHGANQR TPAEHSPYRR SQSWKKRRLE PT
Specificity:	Gallus gallus (Chicken)
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:	RAD52
Alternative Name:	DNA repair protein RAD52 homolog (RAD52) (RAD52 Products)
Background:	Recommended name: DNA repair protein RAD52 homolog
UniProt:	P39022
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 modiflicated 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.