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Datasheet for ABIN1658814
RAD51B Protein (AA 1-340) (His tag)

Overview

Quantity:	1 mg
Target:	RAD51B
Protein Characteristics:	AA 1-340
Origin:	Zea mays
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAD51B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSSSSAHQKA SPPIEEEATE HGPFPPIEQLQ ASGIAALDVK KLKDAGLCTV ESVAYSPRKD LLQIKGISEA KVDKIIEAAS KLVPLGFTSA SQLHAQRLEI IQLTTGSREL DQILDGGIET GSITEMYGEF RSGKTQLCHT LCVTCQLPLD QGGGEGKALY IDAEGTFRPQ RILQIADRFGLNGADVLENV AYARAYNTDH QSRLLEAAS MMVETRFALM VVDSATALYR TDFSGRGELS ARQMHLAKFL RSLQKLADEF GVAVVITNQV VAQVDGAAMF AGPQIKPIGG NIMAHASTTR LFLRKGRGEE RICKVISSPC LAEAEARFQI SSEGVTDVKD
Specificity:	Zea mays (Maize)
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:	RAD51B
Abstract:	RAD51B Products
Background:	Recommended name: DNA repair protein RAD51 homolog B. Alternative name(s): Rad51-like protein B. Short name= RAD51B ZmRAD51b
UniProt:	Q9XED7

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.