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Datasheet for ABIN1506179
RAD27 Protein (AA 1-372) (His tag)

Overview

Quantity:	1 mg
Target:	RAD27
Protein Characteristics:	AA 1-372
Origin:	Candida sp.
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAD27 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGVKGLNQLI KEHSPSAYKE FQLKNLFGRK VAIDASMCLY QFLIAVRQSD GQQLTNEDGE TTSHLSGMFY RTIKMVENNI KPVYVFDGKP PVLKGGEEK RLLRREEAQK QKTALGDEGT VEEVLKFEKR LVRVTREQNE EAKKLELMG IPCVDAPCEA EAQCAELARG GKVYAAASED MDTLCYEPF LLRHLLTFSEA RKMPIDQIEY KDAIAGLDMT KEQFIDLCIL LGCDYCESIK GIGQATAFKL IKEHGSLDNI VEWIKNNKTK YTLPENWPYD EARQLFMNPE VTNANEISLK WKEPDVDGLI EFMVRQKGFS EDRIIRSGAEK LKKGLKGGVQ GRLDGFFKVV KNDDKKRKAD PKETKSSKKK RR
Specificity:	Candida dubliniensis (strain CD36 / ATCC MYA-646 / CBS 7987 / NCPF 3949 / NRRL Y-17841) (Yeast)
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.

Product Details

Purity: > 90 %

Target Details

Target: RAD27

Alternative Name: Flap endonuclease 1 (RAD27) ([RAD27 Products](#))

Background: Recommended name: Flap endonuclease 1.
Short name= FEN-1.
EC= 3.1.-.-.
Alternative name(s): Flap structure-specific endonuclease 1

UniProt: [B9WLQ5](#)

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

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.