

Datasheet for ABIN7591104

Mre11 Protein (AA 2-706) (His tag)



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Overview

Quantity:	100 µg
Target:	Mre11 (MRE11A)
Protein Characteristics:	AA 2-706
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Mre11 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SPTDPLDDE DTFKILVATD IHLGFMEKDA VRGNDTFVTF DEILRLALEN EVDFILLGGD LFHENKPSRK TLHSCLELLR KYCMGDRPVQ FEIISDQSVN FGFSKFPWVN YRDGNLNISI PVFSIHGNHD DPTGADALCA LDVLSCAGFV NHFGRSMSVE KVDISPVLQ KGSTKLALYG LGSIPDERLY RMFVNKKVTM LRPKEDENSW FNLFVIHQNR SKHGSTNFIP EQFLDDFIDL VIWGHEHECK IGPTRNEQQL FYVSQPGSSV VTALSPGETV KKHVGLLRVK GRKMNMQKLP LRTVRQFFME DVVLANHPSL FNPDPNPKVTQ AIQSFCLEKI EEMLDSAERE RLGNPQQPEK PLIRLRVDYS GGFEPFNVLR FSQKFVDRVA NPKDVIHFFR HREQKGKTGE EINFGLIIK PASEGTTLRV EDLVKQYFQT AEKNVQLSLL TERGMGEAVQ EFVDKEEKDA IEELVKYQLE KTQRFLKERH IDALEDKIDE EVRRFRESRQ RNTNEEDDEV REAMSRARAL RSQSENAASA FSADDLSFDI TEQTADDSDS SQSAVPSRGR GRGRGRRGGR GQSTAPRGGG QRGRDTGLGI STRGRSSKAT ASTSRNMSII DAFRSTRQQP SRNVATKNYS ETIEVDESDD DDSFPTSSRA DQRWSGTAPS KRMSQSQTAK GVDFESEDEDD DDDPFMSGSC PRRNRR
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Product Details

Specificity:	Rattus norvegicus (Rat)
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:	Mre11 (MRE11A)
Alternative Name:	Double-strand break repair protein MRE11A (Mre11a) (MRE11A Products)
Background:	Recommended name: Double-strand break repair protein MRE11A. Alternative name(s): Meiotic recombination 11 homolog 1. Short name= MRE11 homolog 1 Meiotic recombination 11 homolog A. Short name= MRE11 homolog A
UniProt:	Q9JIM0
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 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

Handling

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.