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Datasheet for ABIN1656512
REC114 Protein (AA 1-431) (His tag)

Overview

Quantity:	1 mg
Target:	REC114
Protein Characteristics:	AA 1-431
Origin:	Saccharomyces pastorianus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This REC114 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MYEYCSVIK KYSRYTIPSL APKGFSSVLE PPHIDKWQHL SVNCTLQFKV LLED SGQVAL QVILNNSTFL EHIRLPLGSN HDSIQFSCKC PIISCKYISE EFGPKVLKRF QINLSNEMDF NRIVISLKNL SFIVKTAKTS IARNTMINQT SDFSNSKKG NFNENNNAGTY RNSSVQFQTQ NMVMDFSQIY QEK CARELNN CSNITFPMTN LPMTQQNFPT PEANVEHFSQ DLNTPSATQT IPIAPEPLSV KLL EASPPLS NKS R HSPTTK KENRNTAISF DLLSKKGAIL HNGNDTLNVA DLPKKRQSTE DLVQIRSSAN VVTTLTGTCN LVKKNATKQN KEKVDNKLSD SQNVAHTNEY QKKKEIPLCG PINGLETKMT LIQEEMMAAK KTSRDPPRKI SKRLIKEK LK DEEFMKWVNK VERVLSKMFE K
Specificity:	Saccharomyces pastorianus (Lager yeast) (Saccharomyces carlsbergensis)
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: REC114

Alternative Name: Meiotic recombination protein REC114 (REC114) ([REC114 Products](#))

Background: Recommended name: Meiotic recombination protein R.
EC114

UniProt: [P78957](#)

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.