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Datasheet for ABIN1662063

**KTI12 Protein (AA 1-313) (His tag)**

## Overview

Quantity:	1 mg
Target:	KTI12
Protein Characteristics:	AA 1-313
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KTI12 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MPLVLFTGYG CSGKTTLAKH LVQLLQSKID ATPSLSKYSI TYHSDESLGI KHSDYITSQD ERKLRSEIIS AVKRDLSKNK IVIVDSLNYI KGFYQLHCE VKNLSTTFCV IQTLCPPETI FEWNKTSNPN PWEPELLNQL IQRYEENSS NRWDSPLFAI LTPQDNITDY IDDICKVVFQ TSKSAKNSGH NDPLSKGLQK PNSATVLKPA SQSNFIQVLD IETSKIIKTI MNHIKSLTSI GGVSNQTRVI VSEGITDIND DGCFFVDLPI GNVVTLAQLQ RLKRQFINFN KLRDIDQDRI GPLFADYLNK NLN
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers 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.
Purity:	> 90 %

## Target Details

Target:	KTI12
Alternative Name:	Protein KTI12 (KTI12) ( <a href="#">KTI12 Products</a> )
Background:	Recommended name: Protein KTI12. Alternative name(s): Gamma-toxin target protein 4 Killer toxin insensitivity protein 12
UniProt:	<a href="#">P34253</a>

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