

Datasheet for ABIN1509546  
**mltF Protein (AA 33-489) (His tag)**



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## Overview

Quantity:	1 mg
Target:	mltF
Protein Characteristics:	AA 33-489
Origin:	Pseudomonas aeruginosa
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This mltF protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	PTALERVQ KEGVLRVITR NSPATYFQDR NGETGFEYEL AKRFAERLGV ELKIETADNL DDLYAQLSRE GGPALAAAGL TPGREDDASV RYSHTYLDVT PQIYRNGQQ RPTRPEDLVG KRIMVLKGSS HAEQLAELKK QYPELKYEES DAVEVVDLLR MVDVGDIDLT LVDSNELAMN QVYFPNVRVA FDFGEARGLA WALPGGDDSL MNEVNAFLDQ AKKEGLLQRL KDRYYGHVDV LGYVGAYTFA QHLQQRLPYR ESHFKQSGKQ LDTDWRLLAA IGYQESLWQP GATSKTGVRG LMMLTNRTAQ AMGVSNRDLP KQSIQGGSKY FVQIRSELPE SIKEPDRSWF ALAAYNIGGA HLEDARKMAE KEGLNPNKWL DVKKMLPRLA QKQWYAKTRY GYARGGETVH FVQNVRRYYD ILTWVTQPQM EGSQIAESGL HLPGVNKTTP EEDSGDEKL
Specificity:	Pseudomonas aeruginosa (strain UCBPP-PA14)
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: mltF

Abstract: [mltF Products](#)

Background: Recommended name: Membrane-bound lytic murein transglycosylase F.  
EC= 4.2.2.n1.  
Alternative name(s): Murein lyase F

UniProt: [Q02RN8](#)

## 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.