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Datasheet for ABIN1670133  
**mltF Protein (AA 25-454) (His tag)**

## Overview

Quantity:	1 mg
Target:	mltF
Protein Characteristics:	AA 25-454
Origin:	Desulfococcus oleovorans
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This mltF protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	YDYRRS MQSLWKIRQH GKIVVLTENN ANSYIYKET PMGFEYDLAK AFAGHLGVDL EVKTPGWDAL FASLQRGDGD FIAASMTHTR KREQYADFSE PYLSVRQHLL LHKSDHSIVT PAGLAGRTVH VREDTTYQQR LEALQADGID LQLVLHRNTP TEELIEQVAK RQIDITVADS AIALLNRRYY PDIRIAFPIE KEQPLAWAVR KGDRGLRTEI NRFFDEIKEN GTFTRIYNRY YTAVDTFDYV DVKKFHQRIY TRLPRFRPLI EKAADRHGFD WQMIAAVIQ ESHFDPFAQS HTGVKGLMQL TRVTAEEMGV TDRFDFEQNI TAGVAYLAKL RHRFDDIEDP RTRLLFALAS YNIGYGHVRD AQQIAKNMGM DPNRWQSLKE VLPLLRNREY YADTTYGYAR GNEAVRYIER ILTYDILKQ KKAIV
Specificity:	Desulfococcus oleovorans (strain DSM 6200 / Hxd3)
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: [A8ZWR8](#)

## 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.