



[Go to Product page](#)

Datasheet for ABIN1593863  
**ECHA12 Protein (AA 1-285) (His tag)**

### Overview

Quantity:	1 mg
Target:	ECHA12
Protein Characteristics:	AA 1-285
Origin:	Mycobacterium tuberculosis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ECHA12 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MPHRCAAQVV AGYRSTVSLV LVEHPRPEIA QITLNRPERM NSMAFDVMVP LKEALAQVSY DNSVRVVVLT GAGRGFSPGA DHKSAGVVPV VENLTRPTYA LRSMELLDDV ILMLRRLHQP VIAAVNGPAI GGGLCLALAA DIRVASSAY FRAAGINNGL TASELGLSYL LPRAIGSSRA FEIMLTGRDV SAEERIGL VSRQVPDEQL LDACYAIAAR MAGFSRPGIE LTKRTLWSGL DAASLEAHMQ AEGLGQLFVR LLTANFEEAV AARAEQRAPV FTDDT
Specificity:	Mycobacterium tuberculosis
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

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Target:	ECHA12
Alternative Name:	Probable enoyl-CoA hydratase echA12 (echA12) ( <a href="#">ECHA12 Products</a> )
Background:	Recommended name: Probable enoyl-CoA hydratase echA12. EC= 4.2.1.17
UniProt:	<a href="#">O53163</a>

## Application Details

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Comment:	<p>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.</p>
Restrictions:	For Research Use only

## Handling

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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.