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Datasheet for ABIN1637125  
**HYBF Protein (AA 1-113) (His tag)**

### Overview

Quantity:	1 mg
Target:	HYBF
Protein Characteristics:	AA 1-113
Origin:	E. coli
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HYBF protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MHELSLCQSA VEIIQRQAEQ HDVKRVTAVW LEIGALSCVE ESAVRFSEI VCHGTVAQGC DLHIVYKPAQ AWCWDCSQVV EIQHDAQCP ICHGERLRVD TGDSLIVKSI EVE
Specificity:	Escherichia coli O6
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:	HYBF
Alternative Name:	Probable hydrogenase nickel incorporation protein HybF (hybF) ( <a href="#">HYBF Products</a> )

## Target Details

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Background: Recommended name: Probable hydrogenase nickel incorporation protein HybF.  
Alternative name(s): Hydrogenase-2 operon protein HybF

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UniProt: [Q8FDM1](#)

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## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Concentration: 0.2-2 mg/mL

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Buffer: Tris-based buffer, 50 % glycerol

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Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

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Storage: -20 °C

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

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