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## Datasheet for ABIN1637310 Acetoin Reductase (BUTA) (AA 1-257) protein (His tag)



Overview

Quantity:	1 mg
Target:	Acetoin Reductase (BUTA)
Protein Characteristics:	AA 1-257
Origin:	Staphylococcus epidermidis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA
Product Details	
Product Details Sequence:	MSKTAIITGA AGGLGKGIAE RLANDGFNIV LQDINEALLL ETEKEFKEKG YQAVAYKSDV
	MSKTAIITGA AGGLGKGIAE RLANDGFNIV LQDINEALLL ETEKEFKEKG YQAVAYKSDV SKKKEQEELV QFAVTEFGQL DVMVNNAGVD AVTPILEIGE EELSKLFNIN VFGTLFGIQA
	SKKKEQEELV QFAVTEFGQL DVMVNNAGVD AVTPILEIGE EELSKLFNIN VFGTLFGIQA
	SKKKEQEELV QFAVTEFGQL DVMVNNAGVD AVTPILEIGE EELSKLFNIN VFGTLFGIQA AANQFIKQKS KGKIINACSI AGHESYEVLG TYSATKHSVR SFTQTAAKEL ADKGITVNAY
	SKKKEQEELV QFAVTEFGQL DVMVNNAGVD AVTPILEIGE EELSKLFNIN VFGTLFGIQA AANQFIKQKS KGKIINACSI AGHESYEVLG TYSATKHSVR SFTQTAAKEL ADKGITVNAY CPGVAKTEMW DRIDEEMVKL DDSLEIGDAF EAFSSEIKLG RYQEPSDVAN LVSFLASNDS
Sequence:	SKKKEQEELV QFAVTEFGQL DVMVNNAGVD AVTPILEIGE EELSKLFNIN VFGTLFGIQA AANQFIKQKS KGKIINACSI AGHESYEVLG TYSATKHSVR SFTQTAAKEL ADKGITVNAY CPGVAKTEMW DRIDEEMVKL DDSLEIGDAF EAFSSEIKLG RYQEPSDVAN LVSFLASNDS DYITGQSILT DGGLVYR
Sequence: Specificity:	SKKKEQEELV QFAVTEFGQL DVMVNNAGVD AVTPILEIGE EELSKLFNIN VFGTLFGIQA AANQFIKQKS KGKIINACSI AGHESYEVLG TYSATKHSVR SFTQTAAKEL ADKGITVNAY CPGVAKTEMW DRIDEEMVKL DDSLEIGDAF EAFSSEIKLG RYQEPSDVAN LVSFLASNDS DYITGQSILT DGGLVYR Staphylococcus epidermidis (strain ATCC 12228)

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## Target Details

Target:	Acetoin Reductase (BUTA)
Alternative Name:	Diacetyl reductase [ (S)-acetoin forming] (butA) (BUTA Products)
Background:	Recommended name: Diacetyl reductase [(S)-acetoin forming].
	EC= 1.1.1.304.
	Alternative name(s): Acetoin(diacetyl) reductase.
	Short name= AR Meso-2,3-butanediol dehydrogenase
UniProt:	Q8CQD2

## 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 modificated 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.

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