Datasheet for ABIN7591112

HSD17B14 Protein (AA 1-270) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	HSD17B14
Protein Characteristics:	AA 1-270
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSD17B14 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAMGTRYAGK VVIVTGGGRG IGAGIVRAFV ESGAQVVICD KDEARGRAVE RELPGTVFLL CDVTREEDVR TLVSETIRRF GRLDCIVNNA GYHPPPQWPE ETSAQGFRQL LELNLLGTYT LTKLALPHLR KSRGNVINIS SLVGAIGQSQ AVPYVATKGA VTAMTKALAL DESQYGVRVN CISPGNIWTP LWEELAASTP DPTATIREGT LAQPLGRMGQ PAEVAAAAVF LASEATFCTG TELLVTGGAE LGYGRKAGQA APAEAPTTPS
Specificity:	Bos taurus (Bovine)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	HSD17B14
Alternative Name:	17-beta-hydroxysteroid dehydrogenase 14 (HSD17B14) (HSD17B14 Products)
Background:	Recommended name: 17-beta-hydroxysteroid dehydrogenase 14. Short name= 17-beta-HSD 14. EC= 1.1.1.-. Alternative name(s): 17-beta-hydroxysteroid dehydrogenase DHRS10 Dehydrogenase/reductase SDR family member 10 Retinal short-chain dehydrogenase/reductase retSDR3
UniProt:	Q9MYP6

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.