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Datasheet for ABIN1475610

HSD17B6 Protein (AA 18-317) (His tag)

Overview

Quantity:	1 mg
Target:	HSD17B6
Protein Characteristics:	AA 18-317
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSD17B6 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	YRE RQVVSHLHDK YVFITGCD SG FGNLLARQLD RRGMRVLAAC LTEKGAEELK SKTSDRLETV ILDVTNTDSI SAATQWVKEH VGDKGLWGLV NNAGVFQAF A YIEWCRPEDC MSIFQVNLIG LAQVTLSMLF LVKKARGRIV NVSSVLGRVA LFGGFYSCSK YGVEAFSDVL RREIRDFGVK VSIIEPGSFK TRMTDAELII ETKKKTWEAT PEHIRESYGQ QFFDDFCNTT RRELKKCSTN LSLVTDCMEH ALTSKYPRTR YSAGWDARLF FIPLSYLPTS LVDCLLAISR RKPAQAV
Specificity:	Rattus norvegicus (Rat)
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:	HSD17B6
Alternative Name:	17-beta-hydroxysteroid dehydrogenase type 6 (Hsd17b6) (HSD17B6 Products)
Background:	<p>Recommended name: 17-beta-hydroxysteroid dehydrogenase type 6.</p> <p>Short name= 17-beta-HSD 6.</p> <p>Short name= 17-beta-HSD6.</p> <p>EC= 1.1.1.105.</p> <p>EC= 1.1.1.62.</p> <p>EC= 1.1.1.63.</p> <p>Alternative name(s): 3-alpha->beta-hydroxysteroid epimerase.</p> <p>Short name= 3-alpha->beta-HSE Oxidative 3-alpha hydroxysteroid dehydrogenase</p>
UniProt:	O54753
Pathways:	Steroid Hormone Biosynthesis

Application Details

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 modiflicated 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

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

Handling

Storage: -20 °C

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