Datasheet for ABIN1475644

HSD17B3 Protein (AA 1-306) (His tag)

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Overview

Quantity:	1 mg
Target:	HSD17B3
Protein Characteristics:	AA 1-306
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSD17B3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEQFLLSVGL LVCLVCLVKC VRFSRYLFLS FCKALPGSFL RSMGQWAVIT GAGDGIGKAY SFELARHGLN VVLISRTLEK LQVISEEIER TTGSRVKVVQ ADFTREDIYD HIEEQLKGLE IGVLVNNVGM LPNLLPSHFL STSGESQSVI HCNITSVVKM TQLVLKHMES RRRGLILNIS SGVGVRPWPL YSLYSASKAF VCTFSKALNV EYRDKGIIIQ VLTPYSVSTP MTKYLNTSRV TKTADEFVKE SLKYVTIGAE TCGCLAHEIL AIILNLIPSR IFYSSTTQRF LLKQFSDYLK SNISNR
Specificity:	Rattus norvegicus (Rat)
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 %

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Target Details

Target:	HSD17B3
Alternative Name:	Testosterone 17-beta-Dehydrogenase 3 (Hsd17b3) (HSD17B3 Products)
Background:	Recommended name: Testosterone 17-beta-dehydrogenase 3. EC= 1.1.1.64. Alternative name(s): 17-beta-hydroxysteroid dehydrogenase type 3. Short name= 17-beta-HSD 3 Testicular 17-beta-hydroxysteroid dehydrogenase
UniProt:	O54939
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Steroid Hormone Biosynthesis

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.