Datasheet for ABIN1643157

AKR1C1 Protein (AA 1-323) (His tag)

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Overview

Quantity:	1 mg
Target:	AKR1C1 (DDH)
Protein Characteristics:	AA 1-323
Origin:	Cynomolgus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AKR1C1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDSKHQCVKL NDGHFMPVLG FGTYAPAEVP KNKALEATKL AIEAGFRHID SAHLYNNEEY VGLAIRSKIA DGTVKREDIF YTSKLWCNSH RPEFVRPALE RSLKNLQLDY VDLYLIHFPV SLKPGEELIP KDENGKLLFD TVDLCATWEA MEKCKDAGLA KSIGVSNFNR RQLEMILNKP GLKYKPVCNQ VECHPYLNQR KLLDFCKSKD IVLVAFSALG SHREKPWVDQ NSPVLLEDPV LCALAKKHKR TPALIALRYQ LQRGVVVLAK SYNEQRIREN MKVFEFQLTS EDMKAIDGLD RNIRYLTLDI FAGPPNYPFS DEY
Specificity:	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
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:	AKR1C1 (DDH)
Alternative Name:	Aldo-keto reductase family 1 member C1 homolog (AKR1C1) (DDH Products)
Background:	Recommended name: Aldo-keto reductase family 1 member C1 homolog. EC= 1.-.-.-. Alternative name(s): 20-alpha-hydroxysteroid dehydrogenase. Short name= 20-alpha-HSD. EC= 1.1.1.149 Dihydrodiol dehydrogenase 1. Short name= DD-1. Short name= DD1 Indanol dehydrogenase. EC= 1.1.1.112
UniProt:	Q95JH7
Pathways:	Steroid Hormone Biosynthesis, C21-Steroid Hormone Metabolic Process

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

Handling

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

