Datasheet for ABIN7586615

AKR1C14 Protein (AA 1-322) (His tag)

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Overview

Quantity:	100 µg
Target:	AKR1C14
Protein Characteristics:	AA 1-322
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AKR1C14 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDSISLRVAL NDGNFIPVLG FGTTVPEKVA KDEVIKATKI AIDNGFRHFD SAYLYEVEEE VGQAIRSKIE DGTVKREDIF YTSKLWSTFH RPELVRTCLE KTLKSTQLDY VDLYIIHFPM ALQPGDIFFP RDEHGKLLFE TVDICDTWEA MEKCKDAGLA KSIGVSNFNC RQLERILNKP GLKYKPVCNQ VECHLYLNQS KMLDYCKSKD IILVSYCTLG SSRDKTWVDQ KSPVLLDDPV LCAIAKKYKQ TPALVALRYQ LQRGVVPLIR SFNAKRIKEL TQVFEFQLAS EDMKALDGLN RNFRYNNAKY FDDHPNHPFT DE
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 %

Target Details

Target:	AKR1C14
Alternative Name:	3-alpha-hydroxysteroid dehydrogenase (Akr1c9) (AKR1C14 Products)
Background:	Recommended name: 3-alpha-hydroxysteroid dehydrogenase. Short name= 3-alpha-HSD. EC= 1.1.1.213. Alternative name(s): Hydroxyprostaglandin dehydrogenase
UniProt:	P23457

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.