Datasheet for ABIN1590973

AKR1B8 Protein (AA 1-316) (His tag)

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Overview

Quantity:	1 mg
Target:	AKR1B8
Protein Characteristics:	AA 1-316
Origin:	Chinese Hamster
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AKR1B8 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSTFVELSTK AKMPIVGLGT WQSPPGQVKE AVKVAIDAGY RHIDCAYAYY NEHEVGEAIQ EKIKEKAVRR EDLFIVSKLW PTCFERKLLK EAFQKTLTDL KLDYLDLYLI HWPQGLQPGK ELFPKDDQGN VLTSKITFLD AWEVMEELVD EGLVKALGVS NFNHFQIERI LNKPGLKHKP VTNQVECHPY LTQEKLIEYC HSKGITVTAY SPLGSPNRPW AKPEDPSLLE DPKIKEIAAK HKKTSAQVLI RFHIQRNVVV IPKSVTPARI HENFQVFDFQ LSDQEMATIL GFNRNWRACL LPETVNMEEY PYDAEY
Specificity:	Cricetulus griseus (Chinese hamster) (Cricetulus barabensis griseus)
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:	AKR1B8
Alternative Name:	Aldose reductase-related protein 2 (AKR1B8) (AKR1B8 Products)
Background:	Recommended name: Aldose reductase-related protein 2. Short name= AR. EC= 1.1.1.21. Alternative name(s): Aldehyde reductase Aldo-keto reductase
UniProt:	O08782

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.