Datasheet for ABIN1627143

CES5A Protein (AA 1-381) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	CES5A
Protein Characteristics:	AA 1-381
Origin:	Sheep
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CES5A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	EDCLYLNIYA PAHAETGSKL PVMVWFPGGA FETGSASIFD GSALASYENV LVVTIQYRLG IFGFFNTGDE HARGNWAFMD QVAALVWVQE NIEFFGGDPR CVTIFGESAG AISVSSLILS PMTKGLFHKA IMASGVAIIP YLKASDYERN DDLQTIASIC DCNASDSVAL LQCLRAKSSE ELLSISQKTK SFTRVVDGLF FPNELLDLLA QKLFHLVPSI IGVNNHECGF LLPMKEFPEI LGGSNKSLAL QLIHSVLHIP VQYSYLVADE YFHNKHSLLD IRNRFLDLLG DVFFVVPGLV TAQYHTDAGA PVYFYEFQHR PQCLKDRKPP FVKADHTDEI RFVFGGAFLK GNIVMFEEAT EEEKALSRKM MRYWANFART G
Specificity:	Ovis aries (Sheep)
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:	CES5A
Abstract:	CES5A Products
Background:	Recommended name: Carboxylesterase 5A. EC= 3.1.1.1. Alternative name(s): Carboxylesterase-like urinary excreted protein homolog. Short name= Cauxin
UniProt:	Q3T930

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.