Datasheet for ABIN7590318

Carboxylesterase 1E Protein (CES1E) (AA 19-561) (His tag)

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Overview

Quantity:	100 µg
Target:	Carboxylesterase 1E (CES1E)
Protein Characteristics:	AA 19-561
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Carboxylesterase 1E protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	HP SSLPVVDTLQ GKVLGKYVSL EGFTQPVAVF LGVPFAKPPL GSLRFAPPQP AEPWSFVKNT TSYPPMCSQD PVAGQIVNDL LTNWEENISL QFSEDCLYLN IYTPADLTKR DRLPVMVWIH GGGLVLGGAS TYDGLALSTH ENVVVVVIQY RLGIWGFFST GDEHSRGNWG HLDQVAALHW VQDNIDNFGG DPGSVTIFGE SAGGESVSVL VLSPLAKNLF HKAISESGVA LTAGLVKKNT RPLAEKIAVV SGCKSTTSAS MVHCLRQKTE EELLETTLKL NLFSLDLHGD SRQSYPFVPT VLDGVVLPKM PEEILAEKDF NTVPYIVGIN KQEFGWILPT MMNYPPSDMK LDPMTATSLL KKSSFLLNLP EEAIPVAVEK YLRHTDDPDR NKDQLLELIG DVIFGVPSVI VSRGHRDAGA RTYMYEFQYR PSFSSKMKPS TVVGDHGDEI YSVFGAPILR GGTSKEEINL SKMMMKFWAN FARNGNPNGQ GLPHWPEYDQ KEGYLQIGAT TQQAQKLKEK EVAFWSELLA MKPLHAGHTE L
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.

Product Details

Purity:	> 90 %

Target Details

Target:	Carboxylesterase 1E (CES1E)
Abstract:	CES1E Products
Background:	Recommended name: Carboxylesterase 1E. EC= 3.1.1.1. Alternative name(s): Carboxyesterase ES-3 ES-HTEL Egasyn Liver carboxylesterase 3 pI 5.5 esterase
UniProt:	Q63108

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

Handling

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