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Datasheet for ABIN1473972

**Carboxylesterase 1D (CES1D) (AA 19-565) protein (His tag)**

## Overview

Quantity:	1 mg
Target:	Carboxylesterase 1D (CES1D)
Protein Characteristics:	AA 19-565
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

## Product Details

Sequence:	YP SSPPVVNTVK GKVLGKYVNL EGFAQPVAVF LGIPFAKPPL GSLRFAPPQP AEPWNFVKNT TSYPPMCSQD AVGGQVLSEL FTNRKENIPL QFSEDCLYLN VYTPADLTKN SRLPVMVWIH GGGLVVGAS TYDGQVLSAH ENVVVVTIQY RLGWGFST GDEHSQGNWG HLDQVAALHW VQDNIANFGG NPGSVTIFGE SAGGFSVSAL VLSPLAKNLF HRAISESGVV LTSALITDDS KPIANLIATL SGCKTTTSAV MVHCLRQKTE DELLETSLKL NLFKLDLLGN PKESYPFLPT VIDGVLPKT PEEILAEKSF NTVPIYIVGIN KQFGWIIPT LMGYPVLESG LDQKTAKSL WKSYPYTLKIS EKMPVVAEK YFGGTDDPAK RKDLFQDLVA DVMFGVPSVM VSRSHRDAGA PTFMYEFEYR PSFVSAMRPK TVIGDHGDEL FSVFGSPFLK DGASEEETNL SKMVMKYWAN FARNGNPNGG GLPHWPEYDQ KEGYLGIGAS TQAAQRLKDK EVAFWSELRA KEAAEPPSHW KHVEL
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: Carboxylesterase 1D (CES1D)

Abstract: [CES1D Products](#)

Background: Recommended name: Carboxylesterase 1D.  
Alternative name(s): Carboxylesterase ES-10 Carboxylesterase 3.  
EC= 3.1.1.1.  
EC= 3.1.1.67 ES-HVEL Fatty acid ethyl ester synthase.  
Short name= FAEE synthase Liver carboxylesterase 10 pl 6.1 esterase

UniProt: [P16303](#)

Pathways: [Monocarboxylic Acid Catabolic 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 modified 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

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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.