



[Go to Product page](#)

Datasheet for ABIN1634392

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

### Overview

Quantity:	1 mg
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:	<p>HP SSLPVVDTLQ GKVLGKYVSL EGFTQPVAVF LGVPFAKPPL GSLRFAPPQP AEPWSFVKNT            TSYPPMCSDQ PVAGQIVNDL LTNWEENISL QFSEDCLYLN IYTPADLTKR DRLPVMVWIH            GGGLVLGGAS TYDGLALSTH ENVVVVVIQY RLGWIFFST GDEHSRGNWG HLDQVAALHW            VQDNIDNFGG DPGSVTIFGE SAGGESVSVL VLSPLAKNLF HKAISESGVA LTAGLVKKNT            RPLAEKIAVV SGCKSTTSAS MVHCLRQKTE EELLETLKL NLFSLDLHGD SRQSYPFVPT            VLDGVVLPKM PEEILAEKDF NTPYIVGIN KQFEGWILPT MMNYPPSDMK LDPMTATSL            KKSSFLLNLP EEAIPVAVEK YLRHTDDPDR NKDQLLELIG DVIFGVPSVI VSRGHRDAGA            RTYMYEFQYR PSFSSKMKPS TVVGDHGDEI YSVFGAPILR GGTSKEEINL SKMMMKEFWAN            FARNGNPNGQ GLPHWPEYDQ KEGYLQIGAT TQQAQKLKEK EVAFWSELLA MKPLHAGHTE L</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

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Purity: > 90 %

## Target Details

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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 pl 5.5 esterase

UniProt: [Q63108](#)

## Application Details

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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

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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

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