Datasheet for ABIN7583848

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

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Overview

Quantity:	100 µg
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 GGGLVVGGAS TYDGQVLSAH ENVVVVTIQY RLGIWGFFST GDEHSQGNWG HLDQVAALHW VQDNIANFGG NPGSVTIFGE SAGGFSVSAL VLSPLAKNLF HRAISESGVV LTSALITTDS KPIANLIATL SGCKTTTSAV MVHCLRQKTE DELLETSLKL NLFKLDLLGN PKESYPFLPT VIDGVVLPKT PEEILAEKSF NTVPYIVGIN KQEFGWIIPT LMGYPLSEGK LDQKTAKSLL WKSYPTLKIS EKMIPVVAEK YFGGTDDPAK RKDLFQDLVA DVMFGVPSVM VSRSHRDAGA PTFMYEFEYR PSFVSAMRPK TVIGDHGDEL FSVFGSPFLK DGASEEETNL SKMVMKYWAN FARNGNPNGG GLPHWPEYDQ KEGYLKIGAS TQAAQRLKDK EVAFWSELRA KEAAEEPSHW KHVEL
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

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): Carboxyesterase 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 pI 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 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

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.