

Datasheet for ABIN7583320

## Acetylcholinesterase Protein (AChE) (AA 32-614) (His tag)



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### Overview

Quantity:	100 µg
Target:	Acetylcholinesterase (AChE)
Protein Characteristics:	AA 32-614
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Acetylcholinesterase protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>EGREDPQLL VRVRGGQLRG IRLKAPGGPV SAFLGIPFAE PPVGSRRFMP PEPKRPWSGI</p> <p>LDATTFQNVQ YQYVDLTYPG FEGTEMWNPN RELSEDCLYL NVWTPYPRPT SPTPVLIIWY</p> <p>GGGFYSGASS LDVYDGRFLA QVEGTVLVSM NYRVGTFGFL ALPGSREAPG NVGLLDQRLA</p> <p>LQWVQENIAA FGGDPMSVTL FGESAGAASV GMHILSLPSR SLFHRAVLQS GTPNGPWATV</p> <p>SAGEARRRAT LLARLVGCPP GGAGGNDTEL ISCLRTRPAQ DLVDHEWHVL PQESIFRFSF</p> <p>VPVVDGDFLS DTPDALINTG DFQDLQVLVG VVKDEGSYFL VYGVPGFSKD NESLISRAQF</p> <p>LAGVRIGVPQ ASDLAEEAVV LHYTDWLHPE DPAHLRDAMS AVVGDNHNVV PVAQLAGRLA</p> <p>AQGARVYAYI FEHRASTLTW PLWMGVPHGY EIEFIFGLPL DPSLNYTVEE RIFAQRLMQY</p> <p>WTNFARTGDP NDPRDSKSPR WPPYTAAQY YVSLNLKPLE VRRGLRAQTC AFWNRFLPKL</p> <p>LSATDTLDEA ERQWKAEFHR WSSYMVHWKN QFDHYSKQER CSDL</p>
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: Acetylcholinesterase (AChE)

Abstract: [AChE Products](#)

Background: Recommended name: Acetylcholinesterase.  
Short name= AChE.  
EC= 3.1.1.7

UniProt: [P37136](#)

Pathways: [Skeletal Muscle Fiber Development](#)

## 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 Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

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