

[Go to Product page](#)

Datasheet for ABIN7194011

## Acetylcholinesterase Protein (AChE) (His tag)

### Overview

Quantity:	20 µg
Target:	Acetylcholinesterase (AChE)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Acetylcholinesterase protein is labelled with His tag.

### Product Details

Purpose:	Human ACHE / Acetylcholinesterase Protein, His Tag (active enzyme)
Sequence:	Glu 32 - Leu 614
Characteristics:	Human ACHE, His Tag is expressed from human 293 cells (HEK293). It contains AA Glu 32 - Leu 614 (Accession # P22303-1).
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

### Target Details

Target:	Acetylcholinesterase (AChE)
Alternative Name:	ACHE / Acetylcholinesterase ( <a href="#">AChE Products</a> )
Background:	Synonyms: acetylcholinesterase (Yt blood group), Acetylcholinesterase, ACHE, apoptosis-

## Target Details

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related acetylcholinesterase, ARACHE, EC 3.1.1, EC 3.1.1.7, N-ACHE, Yt blood group, YT,

Description: The enzyme acetylcholinesterase, also known as AChE or acetylhydrolase, is the primary cholinesterase in the body. It is a serine hydrolase whose primary function is to catalyze the breakdown of acetylcholine(ACh) and of some other choline esters that fu

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Molecular Weight: 66.5 kDa

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Pathways: [Skeletal Muscle Fiber Development](#)

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## Application Details

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Application Notes: This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 66.5 kDa. The protein migrates as 65-80 kDa under reducing (R) condition due to glycosylation.

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Buffer: PBS, pH 7.4

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Storage: -20 °C

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Storage Comment: For long term storage, the product should be stored at lyophilized state at -20°C or lower.

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