

Acetylcholinesterase (AChE) Recombinant Protein | AChE recombinant protein

Recombinant Acetylcholinesterase (AChE)

CATALOG # AAA134604	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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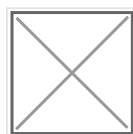
PRODUCT SYNONYMS

Acetylcholinesterase (AChE); Recombinant Acetylcholinesterase (AChE); AChE recombinant protein

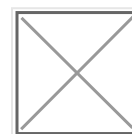
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHS GSEF-FS KDNESLISRA EFLAGVRGV PQVSDLAEEA VVLHYTDWLH PEDPARLREA LSDVVGDNV VCPVAQLAGR LAAQGARVYA YVFEHRASTL SWPLWMGVPH GYEIEFIGI PLDPSRNYTA EEKIFAQRLM RYWANFARTG DPNEPRDPKA PQWPPYTAGA QQYVSLDLRP LEVRRGLRAQ ACAFWNRFLP KLLSAT
Sequence Length	614
Applicable Applications for AChE recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Phe377~Thr574 (Accession # P22303) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557239
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NCBI GeneID	43
NCBI Accession #	NP_000656.1
NCBI GenBank Nucleotide #	NM_000665.3
UniProt Accession #	P22303 ; Q16169 ; Q29S23 ; Q2M324 ; Q504V3 ; Q53F46 ; Q86TM9 ; Q86YX9 ; Q9BXP7 ; A4D2E2 ; B7ZKZ0 ; D6W5X7
Molecular Weight	23.9kDa
NCBI Official Full Name	acetylcholinesterase isoform E4-E6
NCBI Official Synonym Full Names	acetylcholinesterase (Yt blood group)
NCBI Official Symbol	ACHE
NCBI Official Synonym Symbols	YT; ACEE; ARACHE; N-ACHE
NCBI Protein Information	acetylcholinesterase; Yt blood group; apoptosis-related acetylcholinesterase
UniProt Protein Name	Acetylcholinesterase
UniProt Gene Name	ACHE
UniProt Synonym Gene Names	AChE
UniProt Entry Name	ACES_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ache-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134604>