

Acetylcholinesterase (AChE) Recombinant Protein | AChE recombinant protein

Recombinant Acetylcholinesterase (AChE)

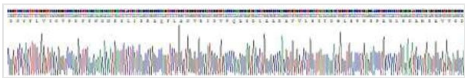
CATALOG # AAA134006	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	GSYFLVYGVP GFSKDNESLI SRAQFLAGVR IGVPQASDLA AEAVVLHYTD WLHPEDPAHL RDAMSAVVGD HNVVCPVAQL AGRLAAQGAR VYAYIFEHRA STLTWPLWMG VPHGYEIEFI FGLPLDPSLN YTVEERIFAQ RLMQYWTNFA RTGDPNDPRD SKSPRWPPYT TAAQQYVSLN LKPLEVRRG
Applicable Applications for AChE recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Rattus norvegicus (Rat)
Source	Prokaryotic expression
Residues	Gly366–Gly554
Tags	N-terminal His Tag
Subcellular Location	Membrane, Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.1
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	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. 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 and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Application Data
Identification

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	25282401
NCBI GeneID	83817
NCBI Accession #	NP_742006.1
NCBI GenBank Nucleotide #	NM_172009.1
UniProt Accession #	P37136
Molecular Weight	Predicted Molecular Mass: 22.7kDa Accurate Molecular Mass: 25kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	acetylcholinesterase
NCBI Official Synonym Full Names	acetylcholinesterase
NCBI Official Symbol	Ache
NCBI Protein Information	acetylcholinesterase; glycolipid-anchored form of acetylcholinesterase
UniProt Protein Name	Acetylcholinesterase
UniProt Gene Name	Ache
UniProt Synonym Gene Names	AChE
UniProt Entry Name	ACES_RAT

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-wb-western-blot-sds-page-immunogen-positive-control/134006>