

Acetylcholinesterase Recombinant Protein | ACHE recombinant protein

Recombinant Bovine Acetylcholinesterase

CATALOG # AAA114068	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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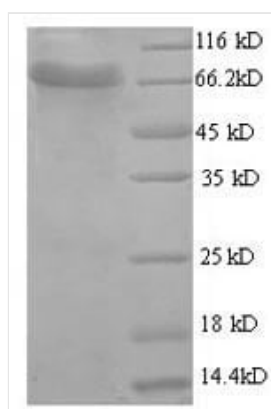
PRODUCT SYNONYMS

Acetylcholinesterase; Recombinant Bovine Acetylcholinesterase; ACHE recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	31-613aa; Full Length
Sequence	EGPEDPELLV MVRGGRLRGL RLMAPRGPVS AFLGIPFAEP PVGPRRFLPP EPKRPWPGVL NATAFQSVCY QYVDTLYPGF EGTEMWNPNR ELSEDCLYLN WWTYPYRPSS PTPVLWIIYG GGFYSGASSL DVYDGRFLTQ AEGTVLVSMN YRVGAFGFLA LPGSREAPGN VGLLDQRLAL QWVQENVAAF GGDPTSVTLF GESAGAASVG MHLSPPSRG LFHRAVLQSG APNGPWATVG VGEARRRATL LARLVGCPPG GAGGNDTELV ACLRARPAQD LVDHEWRVLP QESVFRFSFV PVVDGDFLSD TPEALINAGD FHGLQVLGV VKDEGSYFLV YGAPGFSKDN ESLISRAQFL AGVRVGVPQA SDLAAEAVVL HYTDWLHPED PARLREALSD VVGDNVVCV VAQLAGRLAA QGARVYAYIF EHRASLTWP LWMGVPHGYE IEFIFGLPLE PSLNYTIEER TFAQRLMRYW ANFARTGDPN DPRDPKAPQW PPYTAGAQY VSLNLRPLEV RRGLRAQACA FWNRFPLKLL SATDTLDEAE RQWKAEFHRW SSYMVHWKNQ FDHYSKQDRC SDL
Sequence Length	613
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ACHE recombinant protein	Terminates signal transduction at the neuromuscular junction by rapid hydrolysis of the acetylcholine released into the synaptic cleft.
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References	Bovine acetylcholinesterase cloning, expression and characterization.Mendelson I., Kronman C., Ariel N., Shafferman A., Velan B.Biochem. J. 334:251-259(1998) NIH - Mammalian Gene Collection (MGC) project Complete amino acid sequence of fetal bovine serum acetylcholinesterase and its comparison in various regions with other cholinesterases.Doctor B.P., Chapman T.C., Christner C.E., Deal C.D., de la Hoz D.M., Gentry M.K., Ogert R.A., Rush R.S., Smyth K.K., Wolfe A.D.FEBS Lett. 266:123-127(1990)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115497516
NCBI GeneID	540446
NCBI Accession #	NP_001069688.1
NCBI GenBank Nucleotide #	NM_001076220.1
UniProt Accession #	P23795; O97579; Q08D79
Molecular Weight	91.5 kDa
NCBI Official Full Name	acetylcholinesterase
NCBI Official Symbol	ACHE
NCBI Protein Information	acetylcholinesterase
UniProt Protein Name	Acetylcholinesterase
UniProt Gene Name	ACHE
UniProt Synonym Gene Names	AChE
UniProt Entry Name	ACES_BOVIN

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.