

Recombinant Bovine Acetylcholinesterase(ACHE)

Catalog No: #AP70005

Package Size: #AP70005-1 20ug #AP70005-2 100ug #AP70005-3 1mg

Description

Product Name	Recombinant Bovine Acetylcholinesterase(ACHE)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:31-613aaSequence Info:Full Length
Accession No.	P23795
Calculated MW	91.5 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	EGPEDPELLVMVRGGRLRGLRLMAPRGVSAFLGIPFAEPPVGPRRFLPPEPKRPWPGVLNATAFQSVCYQY VDTLYPGFEGTEMWNPNNRESEDCLYLNWTPYPRPSSPTVLVWIYGGGFYSGASSLDVYDGRFLTQAEG TVLVSMNYRVGAFGLALPGSREAPGNVGLLDQRLALQWVQENVAAGGDPTSVTLFGESAGAASVGMHLL SPSPRGLFHRAVLQSGAPNGPWATVGVGEARRRATLLARLVGCPPGGAGGNDTELVACLRARPAQDLVDHE WRVLPQESVFRFSFVPVVDGDFLSDTPEALINAGDFHGLQVLVGKDEGSYFLVYGAPGFSKDNESSLISRAQ FLAGVRVGVPQASDLAAEAVVLHYTDWLHPEDPARLREALSDVVGDNVVCVPAQLAGRLAAQGARVYAYIF EHRASTLSWPLWMGVPHGYEIEFIFGLPLEPSLNYTIEERTFAQRLMRYWANFARTGDPNDPRDPKAPQWPP YTAGAQQYVSLNLRPLEVRRGLRAQACAFWNRFLPKLLSATDTLDEAERQWKAEFHRWSSYMVHWKNQFD HYSKQDRCSL
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Terminates signal transduction at the neuromuscular junction by rapid hydrolysis of the acetylcholine released into the synaptic cleft.

References

Bovine acetylcholinesterase cloning, expression and characterization.Mendelson I., Kronman C., Ariel N., Shafferman A., Velan B.Biochem. J. 334:251-259(1998)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.