Recombinant Mouse Ache, His-tagged

Cat. No. Ache-07M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mAChE (amino acid residues 32-574) was produced in Trichoplusia ni larval expression system.
Species	Mouse
Source	Trichoplusia Ni Larval
ProteinLength	32-574 a.a.
Description	Terminates signal transduction at the neuromuscular junction by rapid hydrolysis of the acetylcholine released into the synaptic cleft.
Form	mAChE is supplied at 1.0 mg/mL in 20 mM NaPO4, 100 mM NaCl, pH 7.6.
Purity	>90% as determined by SDS-PAGE
Storage	Store at -80°C or colder upon arrival. Freeze-thaw cycles of this product should be avoided.

GENE INFORMATION

Gene Name	Ache acetylcholinesterase [Mus musculus]
Official Symbol	Ache

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	acetylcholinesterase
Gene ID	11423
UniProt ID	P21836
Chromosome Location	5 G2; 5 76.32 Cm
Pathway	Acetylcholine Synthesis, organism-specific biosystem; Biogenic Amine Synthesis, organism-specific biosystem; Glycerophospholipid metabolism, organism-specific biosystem
Function	acetylcholine binding; acetylcholinesterase activity; hydrolase activity

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA