Recombinant Human ACHE, His-tagged

Cat. No. ACHE-09H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant hACHE (amino acid residues 32-574) was produced in Trichoplusia ni larval expression system
Species	Human
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. Role in neuronal apoptosis.
Form	1.0 mg 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 (Yt blood group) [Homo sapiens]
Official Symbol	ACHE

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Synonyms	YT; ACEE; ARACHE; N-ACHE; acetylcholinesterase; Yt blood group; apoptosis-related acetylcholinesterase
Gene ID	43
UniProt ID	P22303
Chromosome Location	7q22
Pathway	ATF-2 transcription factor network, organism-specific biosystem; Biogenic Amine Synthesis, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem
Function	acetylcholine binding; acetylcholinesterase activity; laminin binding

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