

Recombinant Mouse Ache Protein, MYC/DDK-tagged

Cat. No. Ache-511M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse acetylcholinesterase (Ache), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Terminates signal transduction at the neuromuscular junction by rapid hydrolysis of the acetylcholine released into the synaptic cleft.
Molecular Mass	68.6 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Ache acetylcholinesterase [Mus musculus (house mouse)]
Official Symbol	Ache
Synonyms	Ache; acetylcholinesterase; acetylcholinesterase; EC 3.1.1.7
Gene ID	11423
mRNA Refseq	NM_009599
Protein Refseq	NP_033729
UniProt ID	P21836

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