

## Acetylcholinesterase Human, Recombinant

Cat. No. NATE-0020

Lot. No. (See product label)

### Introduction

**Description** Recombinant Human Acetylcholinesterase for advanced research on neurotransmitter regulation and enzyme activity. Perfect for neurobiology and pharmacology studies. Creative Enzymes ensures high-purity, reliable solutions.

**Synonyms** true cholinesterase; choline esterase I; cholinesterase; acetylthiocholinesterase; acetylcholine hydrolase; acetyl;  $\beta$ -methylcholinesterase; AcCholE; EC 3.1.1.7; 9000-81-1; Acetylcholinesterase; AChE; acetylhydrolase

### Product Information

**Species** Human

**Source** HEK 293 cells

**Form** Lyophilized powder containing phosphate buffer salt

**EC Number** EC 3.1.1.7

**CAS No.** 9000-81-1

**Activity** > 1,000 units/mg protein (Lowry)

**Function** true cholinesterase; choline esterase I; cholinesterase; acetylthiocholinesterase; acetylcholine hydrolase; acetyl;  $\beta$ -methylcholinesterase; AcCholE; EC 3.1.1.7; 9000-81-1; Acetylcholinesterase; AChE; acetylhydrolase

**Unit Definition** One unit will hydrolyze 1.0  $\mu$ mole of acetylcholine to choline and acetate per min at pH 8.0 at 37°C.

### Storage and Shipping Information

**Storage** -20°C