

Recombinant Mouse Bche Protein, MYC/DDK-tagged

Cat. No. Bche-695M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse butyrylcholinesterase (Bche), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Esterase with broad substrate specificity. Contributes to the inactivation of the neurotransmitter acetylcholine. Can degrade neurotoxic organophosphate esters.
Molecular Mass	68.5 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	Bche butyrylcholinesterase [Mus musculus (house mouse)]
Official Symbol	Bche
Synonyms	Bche; butyrylcholinesterase; C730038G20Rik; cholinesterase; acylcholine acylhydrolase; butyrylcholine esterase; choline esterase II; pseudocholinesterase; EC 3.1.1.8
Gene ID	12038
mRNA Refseq	NM_009738
Protein Refseq	NP_033868
UniProt ID	Q03311

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