

## Active Recombinant Mouse Bche, His-tagged

Cat. No. Bche-355M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Bche (Accession # AAH99977) His28-Leu603, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	28-603 a.a.
<b>Predicted N Terminal</b>	His28
<b>Form</b>	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
<b>Bio-activity</b>	Measured by its ability to cleave Butyrylthiocholine. The specific activity is >75 nmol/min/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Mouse Bche, His-tagged has a calculated MW of 66 kDa. In SDS-PAGE migrates as 86 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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**GENE INFORMATION**

<b>Gene Name</b>	Bche butyrylcholinesterase [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Bche
<b>Synonyms</b>	BCHE; butyrylcholinesterase; cholinesterase; choline esterase II; pseudochoolinesterase; butyrylcholine esterase; acylcholine acylhydrolase; C730038G20Rik; MGC107651;
<b>Gene ID</b>	12038
<b>mRNA Refseq</b>	NM_009738
<b>Protein Refseq</b>	NP_033868
<b>MIM</b>	

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