Recombinant Human BCHE Protein, MYC/DDK-tagged

Cat. No. BCHE-2468H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BCHE protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a cholinesterase enzyme and member of the type-B carboxylesterase/lipase family of proteins. The encoded enzyme exhibits broad substrate specificity and is involved in the detoxification of poisons including organophosphate nerve agents and pesticides, and the metabolism of drugs including cocaine, heroin and aspirin. Humans homozygous for certain mutations in this gene exhibit prolonged apnea after administration of the muscle relaxant succinylcholine.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	68.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	BCHE butyrylcholinesterase [Homo sapiens]

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Official Symbol	BCHE
Synonyms	CHE1; CHE2; E1
Gene ID	590
mRNA Refseq	NM_000055
Protein Refseq	NP_000046
UniProt ID	P06276

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