

Recombinant Human BCHE Protein, GST-tagged

Cat. No. BCHE-134H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BCHE partial ORF (NP_000046, 493 a.a. - 602 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Mutant alleles at the BCHE locus are responsible for suxamethonium sensitivity. Homozygous persons sustain prolonged apnea after administration of the muscle relaxant suxamethonium in connection with surgical anesthesia. The activity of pseudocholinesterase in the serum is low and its substrate behavior is atypical. In the absence of the relaxant, the homozygote is at no known disadvantage.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	37.84 kDa
AA Sequence	RSIVKRWANFAKYGNPNETQNNSTSWPVFKSTEQKYLTLNTESTRIMTKLRAQQCR FWTSFFPKVLEMTGNIDEAEWEWKAGFHRWNNYMMDWKNQFNDYTSKKESCVGL
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

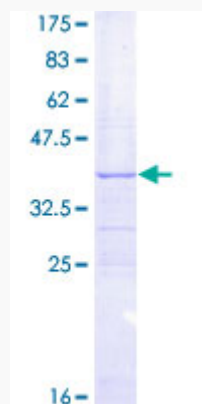
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GENE INFORMATION

Gene Name	BCHE butyrylcholinesterase [Homo sapiens]
Official Symbol	BCHE
Synonyms	BCHE; butyrylcholinesterase; CHE1, cholinesterase 1; cholinesterase; E1; cholinesterase 1; choline esterase II; pseudocholinesterase; butyrylcholine esterase; acylcholine acylhydrolase; CHE1;
Gene ID	590
mRNA Refseq	NM_000055
Protein Refseq	NP_000046
UniProt ID	P06276



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