

Butyrylcholinesterase Active Protein | BCHE active protein

Butyryl Cholinesterase

CATALOG #
AAA11470

PRODUCT SYNONYMS

Butyrylcholinesterase; Butyryl Cholinesterase; BCHE; BuChE; PCHE; pseudocholinesterase; plasma cholinesterase; Acylcholine acyl-hydrolase; Choline esterase; butyryl; Butyrylcholinesterase (BCHE); Horse Serum; BCHE active protein

PRODUCT SPECIFICATIONS

Form/Format	Lyophilized powder
Sequence Length	602
Source	Equine Serum
Appearance	White to pale grey-green powder
Activity	115 U/mg solid (Siemens Dimension® Clinical Chemistry System)
Unit Definition	A change of 0.2 milliabsorbance units (mA) per minute corresponds to pseudocholinesterase activity of 1 U/mL at 37°C.
Protein	0.19 mg protein/mg solid ($E_{280nm}^{0.1\%} = 1.36$)
Specific Activity	600 U/mg protein
Reconstitution	Reconstitute at 5 mg/mL using 50 mM Tris-HCl pH 7.3 - 7.5.
E.C. Number	3.1.1.8
Handling	Handle as a potentially hazardous substance.
CAS Number	9001-08-5
Preparation and Storage	Store at -20 degree C. Protect from moisture.

ADDITIONAL INFORMATION

Product Categories/Family for BCHE active protein	Proteins; Antigens; Enzymes; Standards/controls; Native Proteins; Butyrylcholinesterase (bche)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17390312
NCBI GeneID	590
NCBI Official Full Name	Butyrylcholinesterase
NCBI Official Synonym Full Names	butyrylcholinesterase
NCBI Official Symbol	BCHE
NCBI Official Synonym Symbols	E1; CHE1; CHE2

NCBI Protein Information	cholinesterase; cholinesterase 1; choline esterase II; pseudocholinesterase; butyrylcholine esterase; cholinesterase (serum) 2; acylcholine acylhydrolase
UniProt Protein Name	Cholinesterase
UniProt Gene Name	BCHE
UniProt Synonym Gene Names	CHE1
UniProt Entry Name	CHLE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/bche-active-protein/butyrylcholinesterase/11470>