

## Product datasheet for **TP720459**

### Butyrylcholinesterase (BCHE) (NM\_000055) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human butyrylcholinesterase (BCHE)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Glu29-Leu602
Tag:	C-His
Predicted MW:	66.1 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_000046</a>
Locus ID:	590
UniProt ID:	<a href="#">P06276</a>
Cytogenetics:	3q26.1
Synonyms:	BCHE; CHE1; CHE2; E1
Summary:	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. [provided by RefSeq, Jul 2016]
Protein Families:	Druggable Genome, Transmembrane



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**Product images:**

