

Product Data Sheet

Recombinant Human BCHE Protein

Catalog #	Source	Reactivity	Applications
CRP1106	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human BCHE Protein is produced by our Mammalian expression system and the target gene encoding Glu29-Leu602 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.5.		
Gene Symbol	BCHE		
Alternative Names	CHE1; Cholinesterase; Acylcholine acylhydrolase; Butyrylcholine esterase; Choline esterase II; Pseudocholinesterase		
Entrez Gene	590 (Human)		
SwissProt	P06276 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	EDDIIIATKN GKVRGMNLTV FGGTVTAFLG IPYAQPPLGR LRFKKPQSLT KWSDIWNATK YANSCCQNID QSFPGFHGSE MWNPNTDLSE DCLYLNWVIP APKPKNATVL IWIYGGGFQT GTSSLHVDYG KFLARVERVI VVSMNYRVGA LGFLALPGNP EAPGNMGLFD QQ LALQWVQK NIAAFGGNPK SVTLFGESAG AASVSLHLLS PGSHSLFTRA ILQSGSFNAP WAVTSLYEAR NRTLNLAKLT GCSRENETEI IKCLR NKDPQ EILLNEAFVV PYGTPLSVNF GPTVDGDFLT DMPDILLELG QFKKTQILVG VNKDEGTAFL VYGAPGFSKD NNSIITRKEF QEGLKIFFPG VSEFGKESIL FHYTDWVDDQ RPENYREALG DVVG DYNFIC PALEFTKKFS EWGNNAFFYY FEHRSSKLPW PEWMGVMHGY EIEFV FGLPL ERRDNYTKAE EILSR SIVKR WANFAKYGNP NETQNNSTSW PVFKSTEQKY LTLNTESTRI MTKLRAQQCR FWTSFFPKVL EMTGNIDEAE WEWKAGFHRW NNYMMDWKNQ FNDYTSKKES CVGLVDHHHH HH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference			
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish			

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Directions for Use Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage/Stability Store it at -20°C to -80°C for one year.

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