

Product datasheet for **TP519194**

Bche (NM_009738) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse butyrylcholinesterase (Bche), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR219194 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MQTQHTKVTQTHFLLWILLLCMPFGKSHTEEDFIITTKTGRVVRGLSMPVLGGTVTAFLGIPYAQPPLGSL
RFKKPQPLNKWPDIIHNATQYANSCYQNIQAFPGFQGSEMWNPNNTDLSIEDCLYLNVWIPVPKPKNATVMV
WIYGGGFQGTSSLPVYDYGKFLARVERVIVVSMNYRVGALGFLAFPGNPDAPGNMGLFDQQLALQWVQRN
IAAFGGNPKSITIFGESAGAASVSLHLLCPQSYPLFTRAIRESGSSNAPWAVKHPEEARNRTLTLAKFTG
CPKENEMEMIKCLRSKDPQEILRNERFVLPSSSILSINFGPTVDGDFLTDMPTLLQLGKVKKAQILVGV
NKDEGTAFLVYGAPGFSKDNDLITRKEFQEGLNMYFPGVSRGKEAVLFYVVDWLGEQPPEVYRDALDD
VIGDYNIICPALEFTKKFAELENNAFFYFFEHRSSKLPWPEWMGMHGYEIEFVGLPLGRRVNYTRAE
IFRSIMKTWANFAKYGHPNGTQGNSTMWPVFTSTEQKYLTLNTEKSKIYKLRAPQCQFWRLFFPKVLE
MTGDIDETEQEWKAGFHRWSNYMMDWQONQFNDYTSKKESCTAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	68.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_033868
Locus ID:	12038
UniProt ID:	Q03311
RefSeq Size:	6209
Cytogenetics:	3 E3
RefSeq ORF:	1812
Synonyms:	C730038G20Rik
Summary:	Esterase with broad substrate specificity. Contributes to the inactivation of the neurotransmitter acetylcholine. Can degrade neurotoxic organophosphate esters.[UniProtKB/Swiss-Prot Function]