

Product datasheet for **TP526310**

Ache (NM_009599) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse acetylcholinesterase (Ache), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226310 representing NM_009599 Red =Cloning site Green =Tags(s)

MRPPWYPLHTPSLAFPLLLSLLGGGARAEGREDPQLLVRVRGGQLRGIRLKAPGGPVSAFLGIPFAE
PPVGSRRFMPPEPKRPWSGVLDATTFQNVCIYQYVDTLYPGFEGTEMWNPNNRESEDCLYLNWVTPYPRPA
SPTPVLIIWYGGGFYSGAASLDVYDGRFLAQVEGAVLVSMNYRVGTFGFLALPGSREAPGNVGLLDQRLA
LQWVQENIAAFGGDPMSVTLFGESAGAASVGMHILSLPSRSLFHRAVLQSGTPNGPWATVSAGEARRRAT
LLARLVGCPPGGAGGNDTELIACLRTRPAQDLVDHEWHVLPQESIFRFSFVPVVDGDFLSDTPEALINTG
DFQDLQVLVGVVKDEGSYFLVYGVPGFSKDNESLISRAQFLAGVRIGVPQASDLAAEAVLHYTDWLHPE
DPTHLRDAMSAVVDHNVCPVAQLAGRLAAQGARVYAYIFEHRASLTWPLWGMVPHGYEIEFIFGLPL
DPSLNYTTEERIFAQRLMKYWTNFARTGDPNDPRDSKSPQWPPYTTAAQQYVSLNLKPLEVRRGLRAQTC
AFWNRFLPKLLSATDTLDEAERQWKAEFHRWSSYMVHWKNQFDHYSKQERCSDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	68.6 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_033729](#)
Locus ID: 11423
UniProt ID: [P21836, Q543Z1](#)
RefSeq Size: 2184
Cytogenetics: 5 76.32 cM
RefSeq ORF: 1842
Synonyms: mE1a; mE1b; mE1c; mE1c-long; mE1d; mE1d'; mE1e
Summary: Terminates signal transduction at the neuromuscular junction by rapid hydrolysis of the acetylcholine released into the synaptic cleft.[UniProtKB/Swiss-Prot Function]