

Product datasheet for **TP522489**

Ak3 (NM_021299) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse adenylate kinase 3 (Ak3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222489 representing NM_021299 Red =Cloning site Green =Tags(s)
	 MGASGRLLRAVIMGAPGSGKGTVSSRITKHFELKHLSSGDLLRQNMLQGTEIGVLAKTFIDQGKLIIPDDV MTRLALHELKTLTQCSWLLDGFPRTPQAEALDKVYQIDTVINLNVPFVIKQRLTARWIHPASGRVYNI EFNPPKTVGIDDLTGEPLIQREDDKPETVIKRLKAYEAQTEPVLQYYQKKGVLETFSGTETNKIWPVHVS FLQTKVPETTQKASVTP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	25.9 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.
RefSeq:	NP_067274
Locus ID:	56248
UniProt ID:	Q9WTP7
RefSeq Size:	2776



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Cytogenetics:	19 C1
RefSeq ORF:	681
Synonyms:	AA407498; AI506714; AK-3; Ak3l; Ak3l1; Akl3l
Summary:	Involved in maintaining the homeostasis of cellular nucleotides by catalyzing the interconversion of nucleoside phosphates. Has GTP:AMP phosphotransferase and ITP:AMP phosphotransferase activities.[UniProtKB/Swiss-Prot Function]