

## Recombinant Mouse Ak1 Protein, MYC/DDK-tagged

Cat. No. Ak1-561M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse adenylate kinase 1, complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Broad expression in heart adult (RPKM 107.3), testis adult (RPKM 39.2) and 15 other tissues.
<b>Molecular Mass</b>	21.5 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Ak1 adenylate kinase 1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Ak1
<b>Synonyms</b>	Ak1; adenylate kinase 1; Ak-1; B430205N08Rik; adenylate kinase isoenzyme 1; cytosolic adenylate kinase; EC 2.7.4.3; EC 2.7.4.6
<b>Gene ID</b>	11636
<b>mRNA Refseq</b>	NM_021515
<b>Protein Refseq</b>	NP_067490
<b>UniProt ID</b>	Q9R0Y5

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