

Recombinant Mouse Ak1 Protein, MYC/DDK-tagged

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

SPECIFICATION

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

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

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