Recombinant Rat AK1 protein(Met1-Lys194), His-tagged

Cat. No. AK1-1123R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ak1 (NP_077325.2) (Met1-Lys194) was expressed in E. coli with a polyhistidine tag at the N-terminus.
Species	Rat
Source	E.coli
ProteinLength	Met1-Lys194
Form	Lyophilized from sterile PBS, 10 % glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Rat Ak1 consists 212 amino acids and predicts a molecular mass of 23.8 kDa.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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Gene Name	Ak1 adenylate kinase 1 [Rattus norvegicus]
Official Symbol	AK1
Synonyms	AK1; adenylate kinase 1; adenylate kinase isoenzyme 1; AK 1; myokinase; ATP-AMP transphosphorylase 1; MGC108678;
Gene ID	24183
mRNA Refseq	NM_024349
Protein Refseq	NP_077325

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