

Recombinant Rat Ak2, His-tagged

Cat. No. Ak2-3184R Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Adenylate kinase 2, mitochondrial (Ak2) |
| Species | Rat |
| Source | E.Coli/Yeast |
| ProteinLength | 232 |
| Form | This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications. |
| Purity | >90% |
| Notes | Small volumes of Ak2 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice. |
| Storage | Store at -20 degree C. For extended storage, store at -20 or -80 degree C. |
| Storage Buffer | PBS pH 7.4, 50% glycerol |
| Warning | This product is for research use only. Not for use in diagnostic or therapeutic procedures. |

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

GENE INFORMATION

| | |
|------------------------|---|
| Gene Name | Ak2 adenylate kinase 2 [Rattus norvegicus] |
| Official Symbol | Ak2 |
| Synonyms | AK2; adenylate kinase 2; adenylate kinase 2, mitochondrial; AK 2; ATP-AMP transphosphorylase 2; |
| Gene ID | 24184 |
| mRNA Refseq | NM_001033967 |
| Protein Refseq | NP_001029139 |
| Pathway | Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of nucleotides, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Synthesis and interco |
| Function | ATP binding; adenylate kinase activity; adenylate kinase activity; Contributes_to nucleobase-containing compound kinase activity; nucleotide binding; transferase activity; |

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