

## Recombinant Pig LOC100521423, His-tagged

**Cat. No.** LOC100521423-3185P    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Adenylate kinase isoenzyme 1 (AK1)                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Pig                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | E.Coli/Yeast                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 194                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.                                                                                                                                                                                      |
| <b>Purity</b>           | >90%                                                                                                                                                                                                                                                                                                                  |
| <b>Notes</b>            | Small volumes of LOC100521423 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. |
| <b>Storage</b>          | Store at -20 degree C. For extended storage, store at -20 or -80 degree C.                                                                                                                                                                                                                                            |
| <b>Storage Buffer</b>   | PBS pH 7.4, 50% glycerol                                                                                                                                                                                                                                                                                              |
| <b>Warning</b>          | This product is for research use only. Not for use in diagnostic or therapeutic procedures.                                                                                                                                                                                                                           |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

## GENE INFORMATION

|                     |                                                                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name           | AK1 adenylate kinase 1 [ Sus scrofa ]                                                                                                                       |
| Official Symbol     | AK1                                                                                                                                                         |
| Synonyms            | AK1; adenylate kinase 1; AK 1; ATP-AMP transphosphorylase 1; Adenylate kinase isoenzyme 1                                                                   |
| Gene ID             | 100521423                                                                                                                                                   |
| Chromosome Location | chromosome: 1                                                                                                                                               |
| Pathway             | Adenine ribonucleotide biosynthesis, IMP =>ADP,ATP, organism-specific biosystem;<br>Adenine ribonucleotide biosynthesis, IMP =>ADP,ATP, conserved biosystem |

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