

Adenylate kinase (adk) Recombinant Protein | adk recombinant protein

Recombinant Adenylate kinase (adk)

CATALOG # AAA116604	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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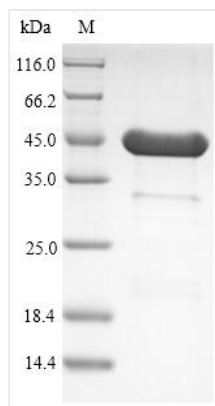
PRODUCT SYNONYMS

Adenylate kinase (adk); Recombinant Adenylate kinase (adk); Adenylate kinase; AK; EC=2.7.4.3; ATP-AMP transphosphorylase; adk recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-214aa; Full Length
Sequence	MRIILLGAPG AGKGTQAQFI MEKYGIPQIS TGDMLRAAVK SGSELGKQAK DIMDAGKLVLT DELVIALVKE RIAQEDCRNG FLLDGFPRTI PQADAMKEAG INV DYVLEFD VPDELIVDRI VGRRVHAPSG RVYHVKNFNP KVEGKDDVTG EELTTRKDDQ EETVRKRLVE YHQM TAPLIG YYSKEAEAGN TKYAKVDGTK QVAEVRADLE KILG
Sequence Length	214
Species	Shigella flexneri
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for adk recombinant protein	Catalyzes the reversible transfer of the terminal phosphate group between ATP and AMP. Plays an important role in cellular energy homeostasis and in adenine nucleotide metabolism.
Product Categories/Family for adk recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	56479671
NCBI GeneID	1027707
NCBI Accession #	NP_706367.2
NCBI GenBank Nucleotide #	NC_004337.2
UniProt Accession #	Q83M40; Q7UDH6
Molecular Weight	43.6 kDa
NCBI Official Full Name	adenylate kinase
NCBI Official Symbol	adk
NCBI Protein Information	adenylate kinase
UniProt Protein Name	Adenylate kinase
UniProt Gene Name	adk
UniProt Synonym Gene Names	AK
UniProt Entry Name	KAD_SHIFL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/adk-recombinant-protein-e-coli/116604>