



Recombinant Mycobacterium tuberculosis Adenylate kinase (adk)

Product Code	CSB-EP404243MON
Relevance	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.
Abbreviation	Recombinant Mycobacterium tuberculosis adk protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	A5U0B9
Alias	ATP-AMP transphosphorylase ATP:AMP phosphotransferase Adenylate monophosphate kinase
Product Type	Recombinant Protein
Immunogen Species	Mycobacterium tuberculosis (strain ATCC 25177 / H37Ra)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MRVLLLGPPGAGKGTQAVKLAEKLGIPQISTGELFRRNIEEGTKLGVEAKRYLD AGDLVPSDLTNELVDDRLNPNDAANGFILDGYPRSVEQAKALHEMLERRGTDI DAVLEFRVSEEVLLERLKGGRGRADDTDDVILNRMKVYRDETAPLLEYRDLK TVDAVGTMDVDFARALRALGK
Research Area	others
Source	E.coli
Target Names	adk
Protein Names	Recommended name: Adenylate kinase Short name= AK EC= 2.7.4.3 Alternative name(s): ATP-AMP transphosphorylase
Expression Region	1-181aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	36.1kDa
Protein Length	Full Length
Image	

