

Recombinant E.coli Adenylate kinase protein

Catalog No: #AP72312

Package Size: #AP72312-1 20ug #AP72312-2 100ug #AP72312-3 1mg

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Description

Product Name	Recombinant E.coli Adenylate kinase protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-214aaSequence Info:Full Length
Other Names	ATP-AMP transphosphorylase
Accession No.	P69441
Uniprot	P69441
GeneID	945097;
Calculated MW	27.6 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MRIILLGAPGAGKGTQAQFIMEKYGIPQISTGDMMLRAAVKSGSELGKQAKDIMDAGKLVTDDELVIALVKERIAQE DCRNGFLLDGFPRTPQADAMKEAGINVDYVLEFDVPDELIVDRIVGRRVHAPSGRVYHVKFNPPKVEGKDDV TGEELTRKDDQEETVRKRLVEYHQMTAPLIGYYSKAEAGNTKYAKVDGTRKPVAEVRADLEKILG
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

Eukaryotic Mr 83,000 heat shock protein has a homologue in Escherichia coli.Bardwell J.C.A., Craig E.A.Proc. Natl. Acad. Sci. U.S.A. 84:5177-5181(1987)Research Topic:Others

Note: This product is for in vitro research use only