

Recombinant Escherichia coli Cytidylate kinase(cmk)

Catalog No: #AP71174

Package Size: #AP71174-1 20ug #AP71174-2 100ug #AP71174-3 1mg

Description

Product Name	Recombinant Escherichia coli Cytidylate kinase(cmk)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-227aaSequence Info:Full Length
Other Names	Cytidine monophosphate kinase ;CMP kinaseProtein MssAp25
Accession No.	P0A6I0
Calculated MW	40.7 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MTAIPVITIDGPSGAGKGTLCMAEALQWHLLDSGAIYRVLALAALHHHVDVASEDALVPLASHLDVRFVST NGNLEVILEGEDVSGEIRTQEVANAASQVAAFPRVREALLRRQRAFRELPLGIADGRDMGTVVFPDAPVKIFLD ASSEERAHRRMLQLQKEGFSVNFERLLAEIKERDDDRNRVAPLVPAADALVLDSTTSLIEQVIEKALQYARQ KLALA
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

ATP, dATP, and GTP are equally effective as phosphate donors. CMP and dCMP are the best phosphate acceptors.

References

Highly accurate genome sequences of Escherichia coli K-12 strains MG1655 and W3110.Hayashi K., Morooka N., Yamamoto Y., Fujita K., Isono K., Choi S., Ohtsubo E., Baba T., Wanner B.L., Mori H., Horiuchi T.Mol. Syst. Biol. 2:E1-E5(2006)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.