

Recombinant Bacillus anthracis Thymidylate kinase(tmk)

Catalog No: #AP70250

Package Size: #AP70250-1 20ug #AP70250-2 100ug #AP70250-3 1mg

Description

Product Name	Recombinant Bacillus anthracis Thymidylate kinase(tmk)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-208aaSequence Info:Full Length
Accession No.	C3LJ02
Calculated MW	27.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MKGLFVTIEGPEGSGKTTLIQSLLPYFEQKEQKVMATREPGGIAISEDIRTILHKQEYTMMEARTEALLYAAARR QHLVEKVMPALNEDYLVLCDFIDSSLAYQGYARGLGMDKVFEINRFATEDCMPSLTIYLDIEPEVGLARIAKDA GREVNRLDMEDISFHKRVREGYLQVVERFSDRIVLVNADQPMKLEIEVIQVIEDKLL
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

Phosphorylation of dTMP to form dTDP in both de novo and salvage pathways of dTTP synthesis.

References

"Genome sequence of Bacillus anthracis str. CDC 684."Dodson R.J., Munk A.C., Brettin T., Bruce D., Detter C., Tapia R., Han C., Sutton G., Sims D.Submitted (OCT-2008)Research Topic:Others

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