

Recombinant Human herpesvirus 1 Thymidine kinase(TK)

Catalog No: #AP70854

Package Size: #AP70854-1 20ug #AP70854-2 100ug #AP70854-3 1mg

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Description

Product Name	Recombinant Human herpesvirus 1 Thymidine kinase(TK)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-376aaSequence Info:Full Length
Accession No.	P03176
Calculated MW	45 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MASYPCHQHASAFDQAARSRGHNNRRTALPRRQQEATEVRPEQKMPTLLRVYIDGPHGMGKTTTTQLLVALGSRDDIVYVPEPMTYWRVLGASETIANIYTTQHRLDQGEISAGDAAVVMTSAQITMGMPYAVTDAVLAPHIGGEAGSSHAPPPALTLIFDRHPAALLCYPAARYLMGSMTPQAVLAFVALIPPTLPGTNIVLGALPEDRHIDRLAKRQRPGERLDLAMLAAIRRVYGLLANTVRYLQCGGSWREDWGQLSGTAVPPQGAEPQSNAGPRPHIGDTLFTLFRAPPELLAPNGDLYNVFAWALDVLAKRLRSMHVFILDYDQSPAGCRDALLQLTSGMVQTHVTPGSIPTICDLARTFAREMGEAN
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

In latent infection, may allow the virus to be reactivated and to grow in cells lacking a high concentration of phosphorylated nucleic acid precursors, such as nerve cells that do not replicate their genome.

References

The nucleotide sequence and transcript map of the herpes simplex virus thymidine kinase gene.McKnight S.L.Nucleic Acids Res. 8:5949-5964(1980)
Research Topic:Others

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