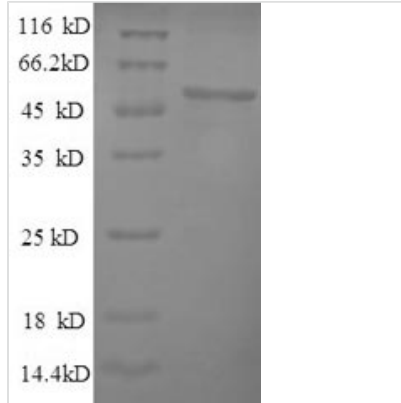


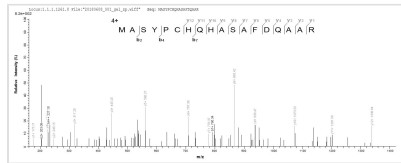


# Recombinant Human herpesvirus 1 Thymidine kinase (TK)

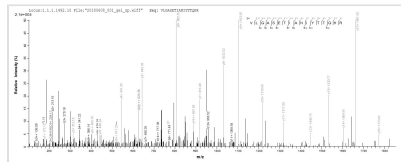
<b>Product Code</b>	CSB-EP023577HWY
<b>Relevance</b>	In latent infection, may allow the virus to be reactivated and to grow in cells lacking a high concentration of phosphorylated nucleic acid precursors, such as nerve cells that do not replicate their genome.
<b>Abbreviation</b>	Recombinant Human herpesvirus 1 Thymidine kinase
<b>Storage</b>	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.
<b>Uniprot No.</b>	P0DTH5
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Human herpesvirus 1 (strain 17) (HHV-1) (Human herpes simplex virus 1)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	MASYPCHQHASAFDQAARSRGHNNRRTALRPRRQQEATEVRPEQKMPPTLLR VYIDGPHGMGKTTTTQLLVALGSRDDIVVPEPMTYWRVLGASETIANIYTTQH RLDQGEISAGDAAVVM TSAQITMGMPYAVTDAVLAPHIGGEAGSSHAPPPALT LIFDRHPAAALLCYP AARYLMGSMTPQAVLAFVALIPPTLPGTNIVLGALPEDRHI DRLAKRQRPGERLDLAMLAAIRRVYGLLANTVRYLQCGGSWREDWGQLSGT AVPPQGAEPQSNAGPRPHIGDTLFTLFRAPPELLAPNGDLYNVFAWALDVLAKR LRSMHVFILDYDQSPAGCRDALLQLTSGMVQTHVTTPGSIPTICDLARTFAREM GEAN
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Target Names</b>	TK
<b>Expression Region</b>	1-376aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	45.0 kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP023577HWY could indicate that this peptide derived from E.coli-expressed Human herpesvirus 1 (strain 17) (HHV-1) (Human herpes simplex virus 1) TK.



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### Shelf Life

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