

Thymidine Kinase 1 Recombinant Protein | TK1 recombinant protein

Recombinant Thymidine Kinase 1, Soluble (TK1)

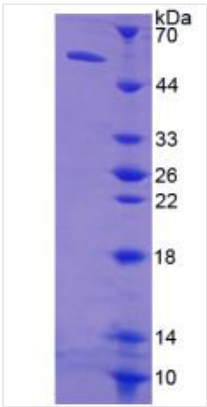
CATALOG # AAA144422	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Thymidine Kinase 1; Recombinant Thymidine Kinase 1; Soluble (TK1); TK1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and GST-tag. Its sequence is listed below. SCINLPT VLPGPSKTR GQIQVILGPM FSGKSTELMR RVRRFQIAQY KCLVIKYAKD TRYSSSFCTH DRNTMEALPA CLLRDVAQEA LGVAVIGIDE GQFFPDIVEF CEAMANAGKT VIVAALDGTG QRKPFGAILN LVPLAESVVK LTAVCMCEFR EAAYTKRLGT EKEVEVIGGA DKYHVCRLC YFKKASGQPA GPDNKENCPV PGKPGEAVAA RKLFPQQIL QCSPAN
Applicable Applications for TK1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	55.3kDa
Accurate Molecular Mass (KD)	55kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	N-terminal His-Tag, GST-tag, S-tag
Organism Species	Homo sapiens (Human)
Fragment	Ser2~Asn234
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



SCINLPTVL	PGSPSKTRGQ	IQVILQPMFS	GKSTELMRV	RRFQIAQYKC
LVIKYAKDTR	YSSSFCTHOR	NTWEALPAEL	LRDVAQEALG	VAVIGIDEGQ
FFPDIVEFCE	AMANAGKTVI	VAAIDGTFQR	KPFGAILNLV	PLAESVVKLT
AVCNECFREA	AYTKRLGTEK	EVEVIGGADK	YHSVCRLCYF	KKASGQPAGE
DNKENCVPVG	KPGEAFAARK	LFAPQQLQC	SPAN	

Sequence

SDS-PAGE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/thymidine-kinase-1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144422>