

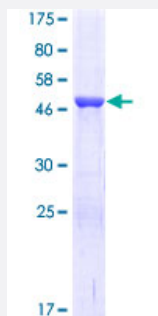
Full-Length

TK1 (Human) Recombinant Protein (P01)

Catalog # H00007083-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TK1 full-length ORF (AAH07986.1, 1 a.a. - 234 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSCINLPTVLPGPSKTRGQIQVILGPMFSGKSTELMRRVRRFQIAQYKCLVIKYAKDTRYSSSFCT HDRNTMEALPACLLRDVAQEALGVAVIGIDEGQFFPDIVEFCEAMANAGKTVMAALDGTFRKPF GAILNLVPLAESVVKLTAVCMECFREAAAYTKRLGTEKEVEVIGGADKYHSVCRLCYFKKASGQPA GPDNKENCVPVPGKPGEAVAARKLFAPQQILQCSPAN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	51.48
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TK1

Entrez GeneID [7083](#)

GeneBank Accession# [BC007986](#)

Protein Accession# [AAH07986.1](#)

Gene Name TK1

Gene Alias TK2

Gene Description thymidine kinase 1, soluble

Omim ID [188300](#)

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations thymidine kinase 1 soluble isoform|thymidine kinase-1

Pathway

- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Pyrimidine metabolism](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)