

Human TK1 protein

Catalog Number: orb392572

Certificate of analysis

Catalog #	Source	Reactivity	Applications	Lot #
orb392572	Human cells	Human	E, WB, SDS-PAGE, MS	CRP2393

Description	Recombinant Human TK1 Protein is produced by our mammalian expression system and the target gene encoding Met1-Asn234 is expressed with a 6His tag at the C-terminus.
Form	Liquid in a 0.2 µM filtered solution of PBS, pH 7.4.
Gene Symbol	TK1
Alternative Names	Thymidine kinase, cytosolic
Entrez Gene	7083 (Human)
SwissProt	P04183 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	MSCINLPTVL PGSPSKTRGQ IQVILGPMFS GKSTELMRRV RRFQIAQYKC LVIKYAKDTR YSSSFCTHDR NTMEALPACL LRDVAQEALG VAVIGIDEGQ FFPDIVEFCE AMANAGKTVI VAALDGTFR KPFGAILNLV PLAESVVKLT AVCMECFREA AYTKRLGTEK EVEVIGGADK YHVCRLCYF KKASGQPAGP DNKENCVPG KPGEAVAARK LFAPQQILQC SPANVDHHHH HH
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage/Stability	Store it at -20°C to -80°C for one year.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference **Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

SDS-PAGE

