

Recombinant Human TK2 protein, His&Myc-tagged

Cat. No. TK2-3586H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TK2 protein(O00142)(34-265aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	34-265aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	32.5 kDa
AA Sequence	VQRRRAWPPDKEQEKEKKSVCVEGNIASGKTTCLEFFSNATDVEVLTEPVSKWRNV RGHNPLGLMYHDASRWGLTLQTYVQLTMLDRHTRPQVSSVRLMERSIHSARYIFVE NLYRSGKMPEVDYVVLSEWFDWILRNMDVSVDLIVYLRTNPETCYQRLKKRCREEE KVIPLEYLEAIHHLHEEWLIKGSFPMAAPVLVIEADHHMERMLELFEQNRDRILTPEN RKHCP
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name TK2 thymidine kinase 2, mitochondrial [Homo sapiens]

Official Symbol TK2

Synonyms TK2; thymidine kinase 2, mitochondrial; mt-TK; MTTK; MTDPS2;

Gene ID 7084

mRNA Refseq NM_001172643

Protein Refseq NP_001166114

MIM 188250

UniProt ID O00142

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