



Creative Enzymes

Diagnostic Enzymes

Recombinant Human CMPK1 (His-Tag)

Product Information

Cat#	TRA-054
Specification	10µg,50µg,200µg,1mg
Description	Recombinant human CMPK1 (His-tag) is expressed in E. coli and comprises full-length human CMPK1 (residues 2–196) with an N-terminal His-tag. CMPK1, also known as uridine monophosphate kinase, preferentially uses UMP and CMP as phosphate donors and exhibits broad-spectrum nucleoside diphosphate kinase activity, playing a pivotal role in nucleotide metabolism.
Applications	Study of nucleotide metabolism, enzymatic activity and cellular processes that rely on nucleotide biosynthesis.
Synonyms	Recombinant Human CMPK1 (His-Tag); Recombinant Human UMP-CMP Kinase
Concentration	1 mg/mL
Purity	≥ 95% by SDS-PAGE
Storage Buffer	10 mM HEPES (pH 7.4), 25 mM KCl, 5 mM DTT, 10% Glycerol.
Storage	Store at -20°C for 1 year. Store at -80°C allows for extended shelf life.

Tel: 1-631-562-8517 1-516-512-3133

Email:info@creative-enzymes.com

Fax:1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA