

# Human CMPK1 Recombinant Protein



RPPB2488

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## Product Information    Protein Information

**Product SKU:**

RPPB2488

**Accession:**

P30085

**Host:**

Escherichia Coli.

**Protein description:**

CMPK1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 248 amino acids (1-228) and having a molecular mass of 28kDa. CMPK1 is fused to a 20 a.a His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

UMP-CMP kinase, Cytidine monophosphate kinase, Cytidylate kinase, Deoxycytidylate kinase, Uridine monophosphate kinase, Uridine monophosphate/cytidine monophosphate kinase, UMP/CMP kinase, UMP/CMPK, CMPK1, CMK, CMPK, UCK, UMK, UMPK, UMP-CMPK, RP11-511I2.1.

**Formulation:**

CMPK1 solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 1mM DTT and 100mM NaCl.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MLSRCRSGLL HVLGLSFLQ TRRPILLCSP RLMKPLVVFV LGGPGAGKGT  
QCARIVEKYG YTHLSAGELL RDERKNPDSQ YGELIEKYIK EGKIVPVEIT ISLLKREMDQ TMAANAQKNK  
FLIDGFPRNQ DNLQGWNKTM DGKADVSFVL FFDCNNEICI ERCLERKSS GRSDDNRESL EKRIQTYLQS  
TKPIIDLYEE MGKVKKIDAS KSVDEVFDEV VQIFDKEG.