

Recombinant Human CMPK1 protein, His-tagged

Cat. No. CMPK1-8645H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CMPK1 protein(P30085) (Met1-Gly196) was expressed in Insect Cells, fused with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-196 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol.
Molecular Mass	The recombinant human CMPK1 consists of 214 amino acids and has a calculated molecular mass of 24.5 kDa. The recombinant protein migrates as an approximately 27 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

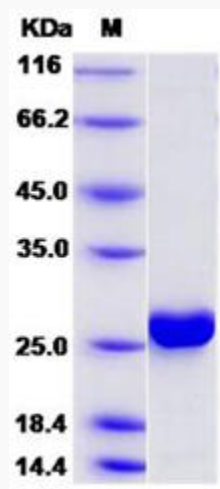
Gene Name	CMPK1 cytidine monophosphate (UMP-CMP) kinase 1, cytosolic [Homo sapiens]
Official Symbol	CMPK1
Synonyms	CMPK1; cytidine monophosphate (UMP-CMP) kinase 1, cytosolic; CMPK, cytidylate kinase; UMP-CMP kinase; Cytidine monophosphate kinase; UMP CMP kinase; UMP CMPK; UMP/CMP kinase; cytidylate kinase; deoxycytidylate kinase; uridine monophosphate kinase; uridine monophosphate/cytidine monophosphate kinase; CMK; UMK; CMPK; UMPK; UMP-CMPK; RP11-511I2.1;
Gene ID	51727
mRNA Refseq	NM_001136140
Protein Refseq	NP_001129612
MIM	191710
UniProt ID	P30085

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SDS-PAGE



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