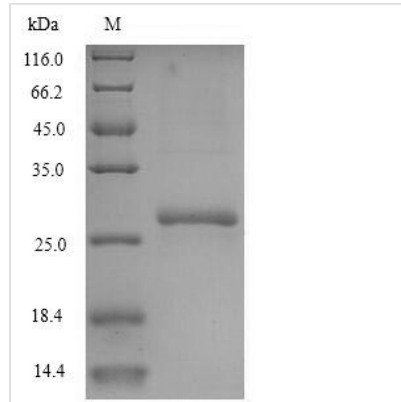




Recombinant Mouse UMP-CMP kinase(Cmpk1)

Product Code	CSB-EP875274MO
Relevance	Catalyzes the phosphorylation of pyrimidine nucleoside monophosphates at the expense of ATP. Plays an important role in de novo pyrimidine nucleotide biosynthesis. Has preference for UMP and CMP as phosphate acceptors. Also displays broad nucleoside diphosphate kinase activity.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9DBP5
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Deoxycytidylate kinaseU Short name: CK Short name: dCMP kinase Nucleoside-diphosphate kinase Uridine monophosphate/cytidine monophosphate kinase Short name: UMP/CMP kinase Short name: UMP/CMP
Product Type	Recombinant Protein
Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MKPLVVFVLGGPGAGKGTQCARIVEKYGYTHLSAGELLRDERKNPDSQYGELI EKYIKEGKIVPVEITISLLKREMDQTMAANAQKNKFLIDGFPRNQDNLQGWNKT MDGKADVSFVLFDCNNEICIERCLERKSSGRSDDNRESLEKRIQTYLESTK PIIDLYEEMGKVKKIDASKSVDEVFGEVVKIFDKEG
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Gene Names	Cmpk1
Expression Region	1-196aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	26.2kDa
Protein Description	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.