

UMP-CMP kinase Recombinant Protein | Cmpk1 recombinant protein

Recombinant Mouse UMP-CMP kinase

CATALOG # AAA117689	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

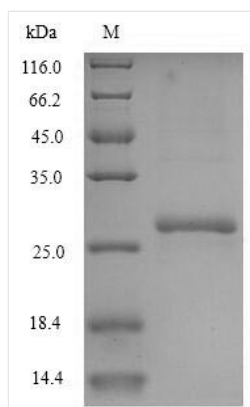
PRODUCT SYNONYMS

UMP-CMP kinase; Recombinant Mouse UMP-CMP kinase; Deoxycytidylate kinaseU; CK; dCMP kinase; Nucleoside-diphosphate kinase; Uridine monophosphate/cytidine monophosphate kinase; UMP/CMP kinase; UMP/CMP; Cmpk1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-196aa; Full Length
Sequence	MKPLVVFVLG GPGAGKGTQC ARIVEKYGYT HLSAGELLRD ERKNPDSQYG ELIEKYIKEG KIVPVEITIS LLKREMDQTM AANAQKNKFL IDGFPRNQDN LQGWNKTMKG KADVSVLFF DCNNEICIER CLERKSSGR SDDNRESLEK RIQTYLESTK PIIDLYEEMG KVKKIDASKS VDEVFGVVK IFDKEG
Species	Mus musculus (Mouse)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Cmpk1 recombinant protein	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.
Product Categories/Family for Cmpk1 recombinant protein	Epigenetics and Nuclear Signaling

References	"Lineage-specific biology revealed by a finished genome assembly of the mouse." Church D.M., Goodstadt L., Hillier L.W., Zody M.C., Goldstein S., She X., Bult C.J., Agarwala R., Cherry J.L., DiCuccio M., Hlavina W., Kapustin Y., Meric P., Maglott D., Birtle Z., Marques A.C., Graves T., Zhou S. Ponting C.P. PLoS Biol. 7:E1000112-E1000112(2009)
------------	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	165377065
NCBI GeneID	66588
NCBI Accession #	NP_079923.3
NCBI GenBank Nucleotide #	NM_025647.3
UniProt Accession #	Q9DBP5; Q8BK17; Q8VD05; Q9DCS7
Molecular Weight	26.2 kDa
NCBI Official Full Name	UMP-CMP kinase
NCBI Official Synonym Full Names	cytidine monophosphate (UMP-CMP) kinase 1
NCBI Official Symbol	Cmpk1
NCBI Official Synonym Symbols	CK; Cmpk; UMP-CMPk; 0610011D08Rik
NCBI Protein Information	UMP-CMP kinase
UniProt Protein Name	UMP-CMP kinase
UniProt Gene Name	Cmpk1
UniProt Synonym Gene Names	Cmk; Cmpk; Uck; Umk; Umpk; CK; dCMP kinase; UMP/CMP kinase; UMP/CMPK
UniProt Entry Name	KCY_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.