



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### UMP-CMPK (Human) Recombinant Protein (P01)

**Catalog Number:** H00051727-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human UMP-CMPK full-length ORF ( AAH14961, 1 a.a. - 228 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MLSRCRSRLHVLGLSFLQTRRPILLCSPRLMKPLVV  
FVLGGPGAGKGTQCARIVEKYGYTHLSAGELLRDERK  
NPDSQYGELIEKYIKEGKIVPVEITISLLKREMDQMAA  
NAQKNKFLIDGFPRNQDNLQGWNTMDGKADVSFVL  
FFDCNNEICIERCLERKSSGRSDDNRESLEKRIQTYL  
QSTKPIIDL YEEMGKVKKIDASKSVDEVFDEVVQIFDKE  
G

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 50.82

**Interspecies Antigen Sequence:** Mouse (90); Rat (89)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 51727

**Gene Symbol:** CMPK1

**Gene Alias:** CMK, CMPK, UMK, UMP-CMPK, UMPK

**Gene Summary:** Uridine monophosphate (UMP)/cytidine monophosphate (CMP) kinase (EC 2.7.4.4) catalyzes the phosphoryl transfer from ATP to UMP, CMP, and deoxy-CMP (dCMP), resulting in the formation of ADP and the corresponding nucleoside diphosphate. These nucleoside diphosphates are required for cellular nucleic acid synthesis (Liou et al., 2002 [PubMed 11912132]).[supplied by OMIM]