

**CMIP Blocking Peptide (C-term)**  
**Synthetic peptide**  
**Catalog # BP20244b****Specification**

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**CMIP Blocking Peptide (C-term) - Product Information**

Primary Accession [Q8IY22](#)  
Other Accession [A1L3F5](#), [Q9D486](#), [NP\\_085132.1](#)

**CMIP Blocking Peptide (C-term) - Additional Information**

**Gene ID** 80790

**Other Names**

C-Maf-inducing protein, c-Mip, Truncated c-Maf-inducing protein, Tc-Mip, CMIP, KIAA1694, TCMIP

**Target/Specificity**

The synthetic peptide sequence is selected from aa 750-764 of HUMAN CMIP

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CMIP Blocking Peptide (C-term) - Protein Information**

**Name** CMIP

**Synonyms** KIAA1694, TCMIP

**Function**

Plays a role in T-cell signaling pathway. Isoform 2 may play a role in T-helper 2 (Th2) signaling pathway and seems to represent the first proximal signaling protein that links T-cell receptor-mediated signal to the activation of c-Maf Th2 specific factor.

**Cellular Location**

Nucleus. Cytoplasm. Note=Isoform 2 is translocated to the nucleus and is specifically recruited during minimal change nephrotic syndrome (MCNS) (PubMed:12939343) (PubMed:15616553). Detected in nuclear and cytoplasmic compartments during MCNS relapse (PubMed:12939343) (PubMed:15616553). Expressed in cytoplasm only during MCNS remission and absent in normal patients (PubMed:12939343)

**Tissue Location**

Isoform 1 is expressed in peripheral blood mononuclear cells and kidney. Lower expression in brain and liver Expression is down-regulated in activated cells. Isoform 2 is expressed in lymphocyte precursors, however, expression shuts down during maturation and differentiation in thymus and fetal liver

### **CMIP Blocking Peptide (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **CMIP Blocking Peptide (C-term) - Images**

### **CMIP Blocking Peptide (C-term) - Background**

CMIP plays a role in T-cell signaling pathway. Isoform 2 may play a role in T-helper 2 (Th2) signaling pathway and seems to represent the first proximal signaling protein that links T-cell receptor-mediated signal to the activation of c-Maf Th2 specific factor.

### **CMIP Blocking Peptide (C-term) - References**

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Audard, V., et al. Blood 115(18):3756-3762(2010)  
Kamal, M., et al. FEBS Lett. 584(3):500-506(2010)  
Zhang, S.Y., et al. Sci Signal 3 (122), RA39 (2010) :  
Newbury, D.F., et al. Am. J. Hum. Genet. 85(2):264-272(2009)