

## Specification

Primary Accession [Q9IMK2](#)

href="http://www.uniprot.org/citations/21930935" target="\_blank">21930935</a>). Inhibits cytokine-induced granuloytic differentiation (By similarity).

**Cellular Location**

Cytoplasm. Nucleus

**Tissue Location**

Expressed in all tissues examined, including brain, heart, lung, liver, pancreas, kidney, placenta and skeletal muscle Expressed in monocytes and lymphocytes but not in granulocytes

**Mouse Csnk1e Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**Mouse Csnk1e Antibody (C-term) Blocking Peptide - Images****Mouse Csnk1e Antibody (C-term) Blocking Peptide - Background**

Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. Can phosphorylate a large number of proteins. Participates in Wnt signaling. Phosphorylates DVL1. Central component of the circadian clock. May act as a negative regulator of circadian rhythmicity by phosphorylating PER1 and PER2. Retains PER1 in the cytoplasm. Inhibits cytokine-induced granuloytic differentiation.

**Mouse Csnk1e Antibody (C-term) Blocking Peptide - References**

Meng, Q.J., et al. Proc. Natl. Acad. Sci. U.S.A. 107(34):15240-15245(2010) Sugiyama, Y., et al. Biochem. J. 427(3):489-497(2010) Etchegaray, J.P., et al. PLoS ONE 5 (4), E10303 (2010) :Lee, H., et al. Proc. Natl. Acad. Sci. U.S.A. 106(50):21359-21364(2009) Isojima, Y., et al. Proc. Natl. Acad. Sci. U.S.A. 106(37):15744-15749(2009)