

# Recombinant Full Length Human CSNK1E Protein, GST-tagged

**Cat. No.** CSNK1E-2192HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CSNK1E full-length ORF ( NP_001885.1, 1 a.a. - 416 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	416 amino acids
<b>Description</b>	<p>The protein encoded by this gene is a serine/threonine protein kinase and a member of the casein kinase I protein family, whose members have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair.</p> <p>The encoded protein is found in the cytoplasm as a monomer and can phosphorylate a variety of proteins, including itself. This protein has been shown to phosphorylate period, a circadian rhythm protein. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Feb 2014]</p>
<b>Molecular Mass</b>	73.7 kDa
<b>AA Sequence</b>	<p>MELRVGNKYRLGRKIGSGSFGDIYLGANIASGEEVAIKLECVKTKHPQLHIESKFYKM  MQGGVGIPSIKWCGAEGDYNVMVMELLGPSLEDLFNFCSRKFSLKTVLLLADQMIS  RIEYIHSKNFIHRDVKPDNFLMGLGKKGNLVYIIDFGLAKKYRDARTHQHIPPYRENKNL  TGTARYASINTHLGIEQSRRDDLES LGYVLMYFNLGSLPWQGLKAATKRQKYERISE  KKMSTPIEVLCKGYPSEFSTYLNFCRSLRFDDKPDYSYLRQLFRNLFHRQGFSDYDV  FDWNMLKFGAARNPEDVDREHEREERMGQLRGSATRALPPGPPTGATANRL</p>

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RSAAEPVASTPASRIQPAGNTSPRAISRVDREKRVSMRLHRGAPANVSSSDLTGRQ  
EVSRI PASQTSV PFDHLGK

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	CSNK1E casein kinase 1, epsilon [ Homo sapiens ]
<b>Official Symbol</b>	CSNK1E
<b>Synonyms</b>	CSNK1E; casein kinase 1, epsilon; casein kinase I isoform epsilon; CKIE; CKIepsilon; HCKIE; CKIe; CKI-epsilon; MGC10398
<b>Gene ID</b>	1454
<b>mRNA Refseq</b>	NM_001894
<b>Protein Refseq</b>	NP_001885
<b>MIM</b>	600863



UniProt ID

P49674

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