

Casein kinase I isoform epsilon Recombinant Protein | CSNK1E recombinant protein

Recombinant Human Casein kinase I isoform epsilon protein

CATALOG # AAA81600	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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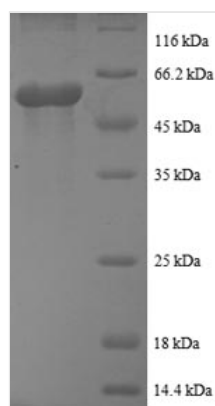
PRODUCT SYNONYMS

Casein kinase I isoform epsilon; Recombinant Human Casein kinase I isoform epsilon protein; CSNK1E recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Liquid or Lyophilized powder If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8
Sequence Positions	17-231aa; Partial
Sequence	SGSFGDIYLG ANIASGEEVA IKLECVKTKH PQLHIESKFY KMMQGGVGIP SIKWCGAEGD YNVMVMELLG PSLEDLFNFC SRKFSCLKTVL LLADQMISRI EYIHSKNFIH RDVKPDNFLM GLGKKGNLVY IIDFGLAKKY RDARTHQHIP YRENKNLTGT ARYASINHL GIEQSRRDDL ESLGYVLMYF NLGSLPWQGL KAATKRQKYE RISEK
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 CSNK1E recombinant protein	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. In balance with PP1, determines the circadian period length, through the regulation of the speed and rhythmicity of PER1 and PER2 phosphorylation. Controls PER1 and PER2 nuclear transport and degradation. Inhibits cytokine-induced granulocytic differentiation.
Product Categories/Family for CSNK1E recombinant protein	Signal Transduction

References

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NCBI AND UNIPROT INFORMATION

NCBI GI #	583966087
NCBI GeneID	102800317
NCBI Accession #	NP_001276841.1
NCBI GenBank Nucleotide #	NM_001289912.1
UniProt Accession #	P49674
Molecular Weight	51.5 kDa
NCBI Official Full Name	casein kinase I isoform epsilon
UniProt Protein Name	Casein kinase I isoform epsilon
UniProt Gene Name	CSNK1E
UniProt Synonym Gene Names	CKI-epsilon; CKIe
UniProt Entry Name	KC1E_HUMAN

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