

## Recombinant Human CSNK1A1 Protein (A2-F337), GST tagged

Cat. No. CSNK1A1-0205H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GST-TEV-GG-CSNK1A1 (CK1a) (A2-F337 end) Protein was expressed in Insect cell.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	A2-F337
<b>Description</b>	Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Phosphorylates CTNNB1 at 'Ser-45'. May phosphorylate PER1 and PER2. May play a role in segregating chromosomes during mitosis. May play a role in keratin cytoskeleton disassembly and thereby, it may regulate epithelial cell migration.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	90%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
<b>Shipping</b>	It is shipped out with blue ice.

## GENE INFORMATION

<b>Gene Name</b>	CSNK1A1 casein kinase 1, alpha 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	CSNK1A1
<b>Synonyms</b>	CSNK1A1; casein kinase 1, alpha 1; casein kinase I isoform alpha; CK1; CK1a; CK1alpha; CK1a; CK1alpha; clock regulator kinase; CKI-alpha; down-regulated in lung cancer; HLCDGP1; PRO2975;
<b>Gene ID</b>	1452
<b>mRNA Refseq</b>	NM_001025105
<b>Protein Refseq</b>	NP_001020276
<b>MIM</b>	600505
<b>UniProt ID</b>	P48729

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