

# Recombinant Full Length Human CSNK1A1 Protein, GST-tagged

**Cat. No.** CSNK1A1-2189HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CSNK1A1 full-length ORF ( NP_001883.4, 1 a.a. - 337 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	337 amino acids
<b>Description</b>	CSNK1A1 (Casein Kinase 1 Alpha 1) is a Protein Coding gene. Among its related pathways are NFAT and Cardiac Hypertrophy and Signaling by Wnt. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is CSNK1A1L.
<b>Molecular Mass</b>	65.3 kDa
<b>AA Sequence</b>	<p>MASSSGSKAEFIVGGKYKLVKIGSGSFGDIYLAINITNGEEVAVKLESQKARHPQLL          YESKLYKILQGGVGIPIHRWYGQEKDYNVLMDLLGPSLEDLNFCSRRFTMKTVLM          LADQMISRIEYVHTKNFIHRDIKPDNFLMGIGRHCNKLFLIDFGLAKKYRDNRTQRHIP          YREDKNLTGTARYASINAHLGIEQSRRDDMESLGYVLMYFNRTSLPWQGLKAATKK          QKYEKISEKKMSTPVEVLCKGFPAEFAMYLNYCRGLRFEEAPDYMYLRQLFRILFRT          LNHQYDYTFDWTMLKQKAAQQAASSSGQGQQAQTPTGKQTDKTKSNMKGF</p>

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<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>	CSNK1A1 casein kinase 1, alpha 1 [ Homo sapiens ]
<b>Official Symbol</b>	CSNK1A1
<b>Synonyms</b>	CSNK1A1; casein kinase 1, alpha 1; casein kinase I isoform alpha; CK1; CK1a; CK1alpha; CK1a; CKIalpha; 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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