

Recombinant Human CSNK1A1 protein, His & T7-tagged

Cat. No. CSNK1A1-740H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSNK1A1 aa. (Lys130~Phe337 (Accession # P48729)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Lys130~Phe337
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted isoelectric point: 9.8
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.8.
Applications	SDS-PAGE; WB; ELISA; IP.

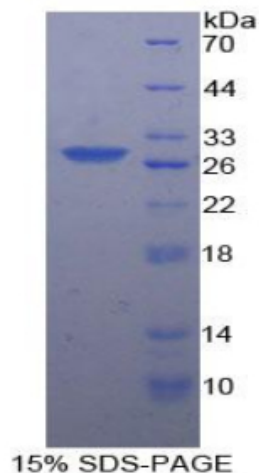
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
GENE INFORMATION	
Gene Name	CSNK1A1 casein kinase 1 alpha 1 [Homo sapiens (human)]
Official Symbol	CSNK1A1
Synonyms	CK1; CK1a; CKIa; HLCDGP1; PRO2975; HEL-S-77p; CKI-alpha; clock regulator kinase; down-regulated in lung cancer; epididymis secretory sperm binding protein Li 77p; casein kinase I isoform alpha
Gene ID	1452
mRNA Refseq	NM_001025105.2
Protein Refseq	NP_001020276.1
UniProt ID	P48729

SDS-PAGE



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