

Recombinant Rat Csnk1a1 protein, His & T7-tagged

Cat. No. Csnk1a1-741R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Csnk1a1 aa. (Leu114~Gly324 (Accession # P97633)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu114~Gly324
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 Molecular Mass: 28.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.6.
Applications	SDS-PAGE; WB; ELISA; IP.

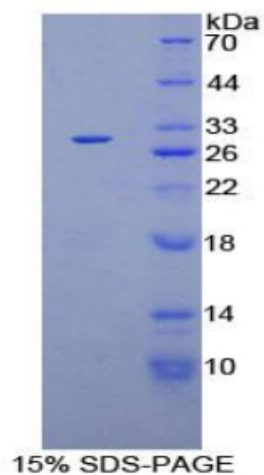
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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 [Rattus norvegicus (Norway rat)]
Official Symbol	Csnk1a1
Synonyms	CK1; CKI-alpha; casein kinase I isoform alpha
Gene ID	113927
mRNA Refseq	NM_053615.1
Protein Refseq	NP_446067.1
UniProt ID	P97633

SDS-PAGE



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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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