

Casein Kinase 1 Alpha 1 (CSNK1a1) Recombinant Protein | CSNK1a1 recombinant protein

Recombinant Casein Kinase 1 Alpha 1 (CSNK1a1)

CATALOG # AAA135470	HOST E.coli	REACTIVITY Rattus norvegicus (Rat)	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	--	---

PRODUCT SYNONYMS

Casein Kinase 1 Alpha 1 (CSNK1a1); Recombinant Casein Kinase 1 Alpha 1 (CSNK1a1); CSNK1a1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 80%
Form/Format	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 400ug/mL (varies by lot)
Sequence	LMLADQMISR IEYVHTKNFI HRDIKPDNFI MGIGRHCNKL FLIDFGLAKK YRDNRTQHI PYREDKNLTG TARYASINAH LGIEQSRDD MESLGYVLMY FNRTSLPWQG LKAATKKQKY EKISEKKMST PVEVLCKGFP AEFAMYLNYC RGLRFEEAPD YMYLRQLFRI LFRTLNHQYD YTFDWTMLKQ KAAQQAASSS GQGQQAQTPT G
Applicable Applications for CSNK1a1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Leu114~Gly324
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm, Chromosome
Traits	Freeze-dried powder
Predicted isoelectric point	9.6
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree 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.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758950
NCBI GeneID	113927
NCBI Accession #	NP_446067.1
NCBI GenBank Nucleotide #	NM_053615.1
UniProt Accession #	P97633; P97634
Molecular Weight	Predicted Molecular Mass: 28.5kDa Accurate Molecular Mass: 28kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	casein kinase I isoform alpha
NCBI Official Synonym Full Names	casein kinase 1, alpha 1
NCBI Official Symbol	Csnk1a1
NCBI Protein Information	casein kinase I isoform alpha; CK1; CKI-alpha
UniProt Protein Name	Casein kinase I isoform alpha
UniProt Gene Name	Csnk1a1
UniProt Synonym Gene Names	CKI-alpha
UniProt Entry Name	KC1A_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/csnk1a1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/135470>