

Casein kinase I isoform alpha Recombinant Protein | CSNK1A1 recombinant protein

Recombinant Human Casein kinase I isoform alpha

CATALOG # AAA113870	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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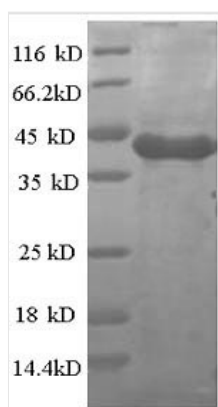
PRODUCT SYNONYMS

Casein kinase I isoform alpha; Recombinant Human Casein kinase I isoform alpha; CK1; CSNK1A1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-337aa; Full Length of Mature Protein
Sequence	ASSSGSKAEF IVGGKYKLV R KIGSGSFGDI YLAINITNGE EVAVKLESQK ARHPQLLYES KLYKILQGGV GIPHIRWYGQ EKDYNVLVMD LLGPSLEDLF NFCSSRRFTMK TVLMLADQMI SRIEYVHTKN FIHRDIKPDN FLMGIGRHCN KLFLIDFGLA KKYRDNRTQ HIPYREDKNL TGTARYASIN AHLGIEQSRR DDMEGLGYVL MYFNRTSLPW QGLKAATKKQ KYEKISEKKM STPVEVLCKG FPAEFAMYL N YCRGLRFEEA PDYMYLRQLF RILFRTL NHQ YDYTFDWTML KQKAAQQAAS SSGQGQQAQT PTGKQTDKTK SNMKG F
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CSNK1A1 recombinant protein	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.
Product Categories/Family for CSNK1A1 recombinant protein	Cell Cycle
References	Cloning and chromosomal localization of the gene coding for human protein kinase CK1. Tapia C., Featherstone T., Gomez C., Taillon-Miller P., Allende C.C., Allende J.E. FEBS Lett. 349:307-312(1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	68303575
NCBI GeneID	1452
NCBI Accession #	NP_001020276.1
NCBI GenBank Nucleotide #	NM_001025105.2
UniProt Accession #	P48729; Q4JJA0; Q5U046; Q5U047; Q6FGA2; Q71TU5; Q96HD2; Q9UDK3; D3DQG0; D3DQG1
Molecular Weight	42.8 kDa
NCBI Official Full Name	casein kinase I isoform alpha isoform 1
NCBI Official Synonym Full Names	casein kinase 1 alpha 1
NCBI Official Symbol	CSNK1A1
NCBI Official Synonym Symbols	CK1; CK1a; CKIa; HLCDGP1; PRO2975; HEL-S-77p
NCBI Protein Information	casein kinase I isoform alpha
UniProt Protein Name	Casein kinase I isoform alpha
UniProt Gene Name	CSNK1A1
UniProt Synonym Gene Names	CKI-alpha
UniProt Entry Name	KC1A_HUMAN

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.

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Online datasheet: <https://www.aaabiotech.com/csnk1a1-recombinant-protein-e-coli/113870>