

CK1 gamma 1 Recombinant Protein | CK1gamma1 recombinant protein

CK1 gamma 1, Active

CATALOG # AAA73380	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

CK1 gamma 1; Active; CK1G1; CSNK1G1; CKI-gamma 1; CK1gamma1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for CK1gamma1 recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for CK1gamma1 recombinant protein	Recombinant human CK1gamma1 (21-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_022048. CK1gamma1 or casein kinase 1, gamma 1 is belonging to the most abundant serine/threonine kinase in eukaryotic cell extracts which is mainly involved in growth and morphogenesis of eukaryotic cells. Casein kinase 1, gamma 1 possesses a C-terminal most terminal sequence motif (MTM), which it shares with CSNK1G2 and CSNK1G3 which is associated with heterologous carboxy-terminal sequences (1). Casein kinase 1-gamma couples Wnt receptor activation to the cytoplasmic signal transduction apparatus (2).
Product Categories/Family for CK1gamma1 recombinant protein	Protein Kinases ; Cancer ; Inflammation ; Neurobiology ; NfκB Pathway ; Ser/Thr Kinases ; WNT Signaling
References	1. Kusuda, J. et.al: Cloning, expression analysis and chromosome mapping of human casein kinase 1 gamma-1 (CSNK1G1): identification of two types of cDNA encoding the kinase protein associated with heterologous carboxy-terminal sequences. Cytogenet. Cell Genet. 90: 298-302, 2000. 2. Davidson, G. et.al: Casein kinase 1-gamma couples Wnt receptor activation to cytoplasmic signal transduction. Nature 438: 867-872, 2005.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_022048
Molecular Weight	~70-76kDa

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/ck1-gamma-1-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73380>