

Recombinant Human CAMK1, His tagged

Cat. No. CAMK1-963H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAMK1 (NP_003647.1) (Leu 2-Leu 370), fused with two additional amino acids (Gly & Pro) at the N-terminus, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-370 a.a.
Form	Lyophilized from sterile 50mM Tirs, 150mM NaCl, 10% glycerol, pH 7.5
Molecular Mass	The recombinant human CAMK1 comprises 371 amino acids and has a predicted molecular mass of 41.5 kDa. The apparent molecular mass of the protein is approximately 42 kDa in SDS-PAGE under reducing conditions as predicted.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	CAMK1 calcium/calmodulin-dependent protein kinase I [Homo sapiens]
Official Symbol	CAMK1
Gene ID	8536
mRNA Refseq	NM_003656
Protein Refseq	NP_003647
MIM	604998
UniProt ID	Q14012

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