

Recombinant Human CAMK1G protein, His&GST-tagged

Cat. No. CAMK1G-1346H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAMK1G protein(Q96NX5-1) (Met 1-Met 476) was expressed in Insect Cells, fused with the N-terminal His tag and GST tag.
Species	Human
Source	Insect Cells
ProteinLength	1-476 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0, 20% gly, 0.3mM DTT.
Molecular Mass	The recombinant human CAMK1G/GST chimera consists of 713 amino acids and has a calculated molecular mass of 81 kDa. It migrates as an approximately 75 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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 of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name CAMK1G calcium/calmodulin-dependent protein kinase IG [Homo sapiens]

Official Symbol CAMK1G

Synonyms CAMK1G; calcium/calmodulin-dependent protein kinase IG; calcium/calmodulin-dependent protein kinase type 1G; CLICKIII; dJ272L16.1; VWS1; caMKIG; CLICK III; caMKI gamma; caM-KI gamma; caM kinase IG; caM kinase I gamma; caMK-like CREB kinase III;

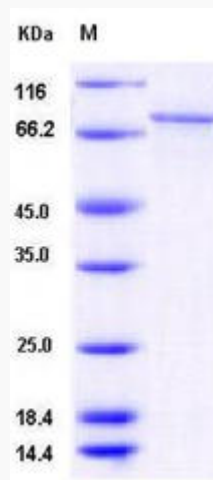
Gene ID 57172

mRNA Refseq NM_020439

Protein Refseq NP_065172

UniProt ID Q96NX5

SDS-PAGE



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