

Recombinant Human CAMKV protein(Met1-Ser501), His&GST-tagged

Cat. No. CAMKV-7337H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAMKV (NP_076951.2) (Met 1-Ser 501) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Ser501
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human CAMKV/GST chimera consists of 738 amino acids and has a calculated molecular mass of 82.2 kDa. It migrates as an approximately 80 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 80 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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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 of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name CAMKV CaM kinase-like vesicle-associated [Homo sapiens]

Official Symbol CAMKV

Synonyms

CAMKV; CaM kinase-like vesicle-associated; caM kinase-like vesicle-associated protein; MGC8407; VACAMKL; vesicle-associated calmodulin-binding protein; 1G5;

Gene ID 79012

mRNA Refseq NM_024046

Protein Refseq NP_076951

UniProt ID Q8NCB2

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