

Recombinant Human CAMK4 protein, GST-tagged

Cat. No. CAMK4-956H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAMK4 protein(NP_001735.1) (Met 1-Tyr 473) was expressed in Insect Cells, fused with the GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-473 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM PMSF, pH 8.0.
Molecular Mass	The recombinant human CAMK4/GST chimera consists of 697 amino acids and has a predicted molecular mass of 79 kDa. It migrates as an approximately 100 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 82 % 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

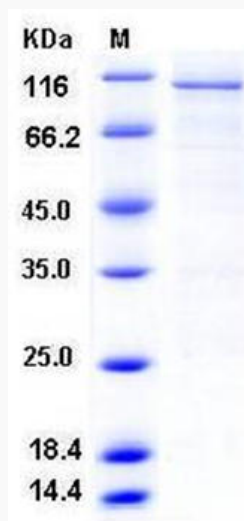
Gene Name	CAMK4 calcium/calmodulin-dependent protein kinase IV [Homo sapiens]
Official Symbol	CAMK4
Synonyms	CAMK4; calcium/calmodulin-dependent protein kinase IV; calcium/calmodulin-dependent protein kinase type IV; brain Ca ⁺⁺ calmodulin dependent protein kinase type IV; calcium/calmodulin dependent protein kinase type IV catalytic chain; CAM kinase IV; CAM kinase GR; CaMK GR; caM kinase-GR; CAM kinase- GR; brain Ca ⁺⁺ -calmodulin-dependent protein kinase type IV; brain Ca(2+)-calmodulin-dependent protein kinase type IV; calcium/calmodulin-dependent protein kinase type IV catalytic chain; IV; caMK; CaMK IV; CaMK-GR; MGC36771;
Gene ID	814
mRNA Refseq	NM_001744
Protein Refseq	NP_001735
MIM	114080
UniProt ID	Q16566

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SDS-PAGE



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