

Recombinant Human CAMK4 (N-GST tag)

Cat No:HR2R1222

For research use only

Overview

Quantity	10 ?g
Gene Symbol	CAMK4
Gene ID	N/A
Accession	NM_001744
Alternative Name	CaMK-GR; MGC36771
Species	Human
Source	Insect cells
Description	CAMK4 is a multifunctional serine/threonine protein kinase and a member of Ca(2+)/calmodulin- dependent protein kinase family. CAMK4 is localized in neurons in the hippocampus, amygdala, anterior cingulate cortex, somatosensory cortex, and insular cortex. CAMK4 is involved in neural activity-dependent signaling in the neuronal nucleus and thought to plays an important role in the consolidation/retention of hippocampus-dependent long-term memory.?
Functions	The specific activity of CAMK4 was determined to be 92 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	79
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store a recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.