

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 at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.