Recombinant Human CAMK1 gamma (N-GST tag)

Cat No:HR2R1215

For research use only

Overview

Quantity	10 ?g
Gene Symbol	CAMK1?
Gene ID	N/A
Accession	NM_020439
Alternative Name	VWS1; CLICKIII; dJ272L16.1
Species	Human
Source	Insect cells
Description	CAMKI? (CLICK-III), a member of CAMK family, is a novel membrane-anchored neuronal Ca2+/calmodulin-dependent protein kinase. Full activation of CaMKI? requires both Ca(2+)/CaM and phosphorylation by CAMKK. CAMKI? transcripts is most abundant in neurons, with the highest levels in limited nuclei such as the central nucleus of the amygdala (CeA) and the ventromedial hypothalamus .
Functions	The specific activity of CAMK1? was determined to be 820 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	80
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.