

## Recombinant Human CAMK1 gamma (1-330aa) (N-GST tag)

Cat No:HR2R1214

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	CAMK1? (CLICK-III), a member of CAMK family, is a novel membrane-anchored neuronal Ca <sup>2+</sup> /calmodulin-dependent protein kinase. Full activation of CaMKI? requires both Ca(2+)/CaM and phosphorylation by CAMKK. CAMK1? 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 788 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	69
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.