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CAMKII gamma Protein (Transcript Variant 6) (Myc-DYKDDDK Tag)



Image



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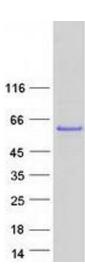
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Overview		
Quantity:	20 μg	
Target:	CAMKII gamma (CAMK2G)	
Protein Characteristics:	Transcript Variant 6	
Origin:	Human	
Source:	HEK-293 Cells	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This CAMKII gamma protein is labelled with Myc-DYKDDDDK Tag.	
Application:	Antibody Production (AbP), Standard (STD)	
Product Details		
Characteristics:	Recombinant human CAMK2G / CAMKG (transcript variant 6) protein expressed in HEK293 cells.	
	Produced with end-sequenced ORF clone	
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining	
Target Details		
Target:	CAMKII gamma (CAMK2G)	
Alternative Name:	Camk2g,camkg (CAMK2G Products)	
Background:	The product of this gene is one of the four subunits of an enzyme which belongs to the serine/threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase	

subfamily. Calcium signaling is crucial for several aspects of plasticity at glutamatergic

Target Details

	synapses. In mammalian cells the enzyme is composed of four different chains: alpha, beta, gamma, and delta. The product of this gene is a gamma chain. Many alternatively spliced transcripts encoding different isoforms have been described but the full-length nature of all the variants has not been determined.[provided by RefSeq, Mar 2011].		
Molecular Weight:	56.8 kDa		
NCBI Accession:	NP_751913		
Pathways:	WNT Signaling, Interferon-gamma Pathway, Hormone Transport, Myometrial Relaxation and Contraction, Regulation of long-term Neuronal Synaptic Plasticity		
Application Details			
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays		
Comment:	The tag is located at the C-terminal.		
Restrictions:	For Research Use only		
Handling			
Concentration:	50 μg/mL		
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.		
Storage:	-80 °C		
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.		



Western Blotting

Image 1. Validation with Western Blot