Recombinant Mouse Camk2g protein, His & T7-tagged

Cat. No. Camk2g-666M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Camk2g aa. (Arg75~Met281 (Accession # Q923T9)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Arg75~Met281
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.2kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

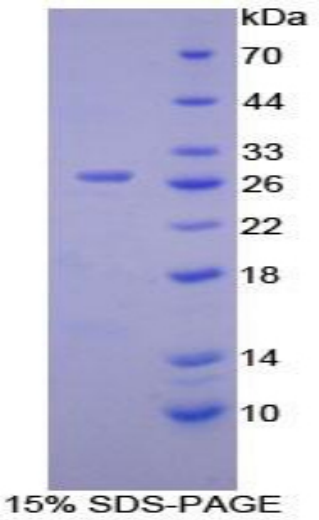
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Camk2g calcium/calmodulin-dependent protein kinase II gamma [Mus musculus (house mouse)]
Official Symbol	Camk2g
Synonyms	Camk2g; calcium/calmodulin-dependent protein kinase II gamma; Camkg; calcium/calmodulin-dependent protein kinase type II subunit gamma; Ca2+/calmodulin-dependent protein kinase II; CaMK II; caMK-II subunit gamma
Gene ID	12325
mRNA Refseq	NM_001039138.2
Protein Refseq	NP_001034227.1
UniProt ID	Q923T9

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SDS-PAGE	

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