

## Recombinant Mouse Camk4, His & GST tagged

Cat. No. Camk4-7403M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Camk4 (P08414) (Met1-Tyr469), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-469 a.a.
<b>Form</b>	Lyophilized from a 0.2µm filtered solution of 20mM Tris, 500mM NaCl, pH 7.4, 10% gly
<b>Molecular Mass</b>	The secreted recombinant mouse CAMK4/GST chimera consists of 706 amino acids and has a calculated molecular mass of 80.4 kDa. The recombinant protein migrates as an approximately 85 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

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## GENE INFORMATION

**Gene Name** Camk4 calcium/calmodulin-dependent protein kinase IV [ Mus musculus ]

**Official Symbol** Camk4

**Gene ID** 12326

**mRNA Refseq** NM\_009793

**Protein Refseq** NP\_033923

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