

Recombinant Mouse CAMK4 protein

Cat. No. CAMK4-1988M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CAMK4 protein(P08414)(Met1-Tyr469) was expressed in Insect Cells.
Species	Mouse
Source	Insect Cells
ProteinLength	Met1-Tyr469
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4. Please contact us for any concerns or special requirements. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant mouse CAMK4 consists of 471 amino acids and predicts a molecular mass of 52.7 KDa. It migrates as an approximately 55 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Camk4 calcium/calmodulin-dependent protein kinase IV [Mus musculus]
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Official Symbol	CAMK4
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Synonyms

CAMK4; calcium/calmodulin-dependent protein kinase IV; calcium/calmodulin-dependent protein kinase type IV; caMK IV; CAM kinase-GR; Ca²⁺/calmodulin-dependent protein kinase type IV/Gr; CaMKIV; AI666733; CaMKIV/Gr; D18Bwg0362e; A430110E23Rik;

Gene ID	12326
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mRNA Refseq	NM_009793
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Protein Refseq	NP_033923
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