

# Human CAMK4 Recombinant Protein



RPPB2447

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## Product Information    Protein Information

**Product SKU:**

RPPB2447

**Accession:**

Q16566

**Host:**

E.coli.

**Protein description:**

CAMK4 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 497 amino acids (1-473) and having a molecular mass of 54.5kDa. CAMK4 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Calcium/calmodulin-dependent protein kinase type IV catalytic chain, CaMK-GR, CaM kinase-GR, CaMK IV, IV, brain Ca(2+)-calmodulin-dependent protein kinase type IV, caMK, CAM kinase IV, EC 2.7.11.17.

**Formulation:**

The CAMK4 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 10% glycerol.

**Purity:**

Greater than 85% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMLKVTV PSCSASSCSS VTASAAPGTA SLVPDYWIDG SNRDALSDFE  
EVESELGRGA TSIVYRCKQK GTQKPYALKV LKKTVDKIV RTEIGVLLRL SHPNIIKLKE IFETPTEISL VLELVGGEL  
FDRIVEKGYG SERDAADAVK QILEAVAYLH ENGIVHRDLK PENLLYATPA PDAPLKIADF GLSKIVEHQV  
LMKTVCSTPG YCAPEILRG AYGPVDMWS VGIITYILLC GFEPFYDERG DQFMFRRILN CEYFISPPW  
DEVSLNAKDL VRKLVLDPK KRLTTFQALQ HPWVTGKAAN FVHMDTAQKK LQEFNARRKL KAAVKAVVAS  
SRLGSASSSH GSIQESHKAS RDPSPIQDGN EDMKAIPEGE KIQGDGAQAA VKGAQAELMK VQALEKVKGA  
DINAEAPKM VPKAVEDGIK VADLELEEGL AEEKLKTVEE AAAPREGQGS SAVGFVPPQQ DVILPEY.