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32-6958: CAMK2N1 Mouse

Alternative Name : mCaMKIINalpha, calcium/calmodulin-dependent protein kinase II inhibitor alpha, Camk2n1.

Description

Source: Escherichia Coli.
Sterile filtered colorless solution.
Calcium/Calmodulin Dependent Protein Kinase II Inhibitor 1 (CAMK2N1), which interacts with CAMK2B, is a part of the CAMK2N family. CAMK2N1 is also interacts with CAMK2A in a way which requires CAMK2A activation by Ca2+. CAMK2N1 is potent and specific inhibitor of CaM-kinase II (CAMK2).
CAMK2N1 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 101 amino acids (1-78 a.a) and having a molecular mass of 10.9kDa.CAMK2N1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	CAMK2N1 protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH8.5), 1mM DTT, 0.1M NaCl and 10% glycerol.
Storage condition :	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 :	MGSSHHHHHH SSGLVPRGSH MGSMSEVLPY GDEKLSPYGD GGDVGQIFSC RLQDTNNFFG AGQSKRPPKL GQIGRSKRVV IEDDRIDDVL KTMTDKAPPG V.