

Calcium/Calmodulin-Dependent Protein Kinase II Inhibitor 1 Mouse Re-

Item Number	rAP-1709
Synonyms	mCaMKIINalpha, calcium/calmodulin-dependent protein kinase II inhibitor alpha, Camk2n1.
Description	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.
Uniprot Accession Number	Q6QWF9
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSEVLPY GDEKLSPYGD GGDVGQIFSC RLQDTNNFFG AGQSKRPPKL GQIGRSKRVV IEDDRIDDLV KTMTDKAPPG V.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	CAMK2N1 protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH8.5), 1mM DTT, 0.1M NaCl and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**