

AR51596PU-N

Human CAMK2N2 (1-79, His-tag) - Purified

Alternate names:	CaM-KII inhibitory protein, CaM-KIIN, Calcium/calmodulin-dependent protein kinase II inhibitor 2
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	Calcium/calmodulin-dependent protein kinase II, also known as CAMK2N2, is potent and specific cellular inhibitor of CaM-kinase II (CAMK2). This protein may play an important role in the regulation of cell growth when overexpressed in colon adenocarcinoma LoVo cells.
Uniprot ID:	Q96S95
NCBI:	NP_150284
GeneID:	94032
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Description:	Recombinant human CAMK2N2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SGLVPRGSH MGSMSILPY SEDKMGRFGA DPEGSDLSFS CRLQDTNSFF AGNQAKRPPK LGQIGRAKRV VIEDDRIDDV LKGMGEKPPS GV Molecular weight: 11.0 kDa (102aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Zhang J., et al. (2001) Biochem. Biophys. Res. Commun. 285:229-234 Ma S., et al. (2009) J. Biol. Chem. 284:24773-24782

Pictures:

