

PKC eta (1 - 683)

Long Name:

Protein Kinase C Eta

Catalog Number (DU Number):

DU29921

Accession:

NM_006255.4

Expression

baculovirus

Terminus and Tag:

N-Term 6His Uncleaved

Purification Method:

Cobalt Agarose

Assay Buffer:

50 mM Tris-HCl pH 7.5, 0.1 mM CaCl₂, 0.1 mg/ml PtdSerine, 10 uM DAG, 10 mM DTT, 10 mM Magnesium Acetate

Assay Substrate:

ERM₁RPRKRQGSVRRV Final concentration: 300 uM

Calculated Molecular Mass:

Mono-Isotopic Mass: 81, 491.54 daltons

Average Mass: 81, 544.45 daltons

Protein Activity:

Constitutively Active

Purity:

>85 %

Storage Buffer:

50 mM Tris-HCl pH 7.5, 270 mM Sucrose, 150 mM NaCl, 0.1 mM EGTA, 0.1 % 2-mercaptoethanol, 0.02 % Brij-35, 1 mM benzamidine, 0.2 mM PMSF

Storage Temperature:

-70 °C

Theoretical PI:

7.03

Gel Information :

Please Enquire

Native Sequence:

Amino acids M1 – P683 (end) of human PRKCH. Residue M31 of the fusion protein is equivalent to M1 of the native enzyme. The His(6) tag is located at residues 5 – 10.

Protease Cleavage:

rTEV (ENLYFQG) residues 18 – 23

Cloning Sites:

EcoR1 and Not1 sites of pFastBac.Hta

Price per aliquot (100µg):

£125.00

