



## DGK zeta (1 - 929)

Catalog Number (DU Number):

**DU19618**

Accession:

**BC0417701**

Expression

**baculovirus**

Terminus and Tag:

**N-Term 6His Uncleaved**

Purification Method:

**Ni 2+ -NTA agarose**

Enzymatic Assay Format:

**ADP Glo**

Enzymatic Buffer:

**20 mM Tris-HCl, 67 mM KCl, 1 mM DTT, 0.05 mg/ml BSA, 10 mM MgCl<sub>2</sub>**

Enzymatic Substrate:

**Diacylglycerol Final concentration: 0.1 mM**

Calculated Molecular Mass:

**Mono-Isotopic Mass: 107, 412.86 daltons**

**Average Mass: 107, 480.73 daltons**

Purity:

**>80 %**

Storage Buffer:

**50 mM HEPES pH 7.0, 150 mM NaCl, 20 % glycerol, 5 mM DTT**

Storage Temperature:

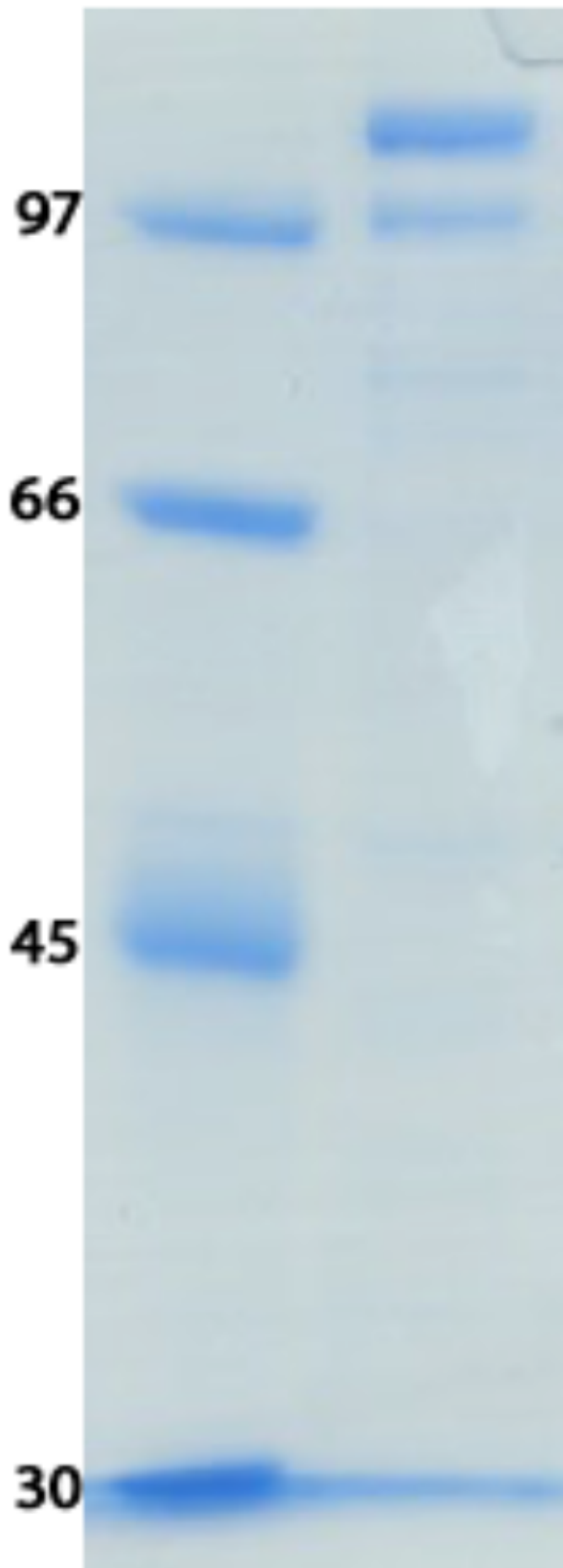
**-70 °C**

Theoretical pI:

**8.16**

Gel Information :

**Gel Image 1:**



Native Sequence:

**Amino acids M1 – V929 (end) of human DGK zeta. Residue M29 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 – 24**

Cloning Sites:

**BglII - Not1 to BamH1 - Not1 sites in pFastBAC HTb**

Price per aliquot (100µg):

**£110.00**

