



DGK beta (1 - 804)

Catalog Number (DU Number):

DU9153

Accession:

NM_0040802

Expression

baculovirus

Terminus and Tag:

N-Term 6His Uncleaved

Purification Method:

Ni²⁺-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 MgCl₂

Enzymatic Substrate:

Diacylglycerol Final concentration: 0.1 mM

Calculated Molecular Mass:

Mono-Isotopic Mass: 95, 295.55 daltons

Average Mass: 95, 357.49 daltons

Protein Activity:

Constitutively Active

Purity:

>80 %

Storage Buffer:

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

Storage Temperature:

-70 °C

Theoretical pI:

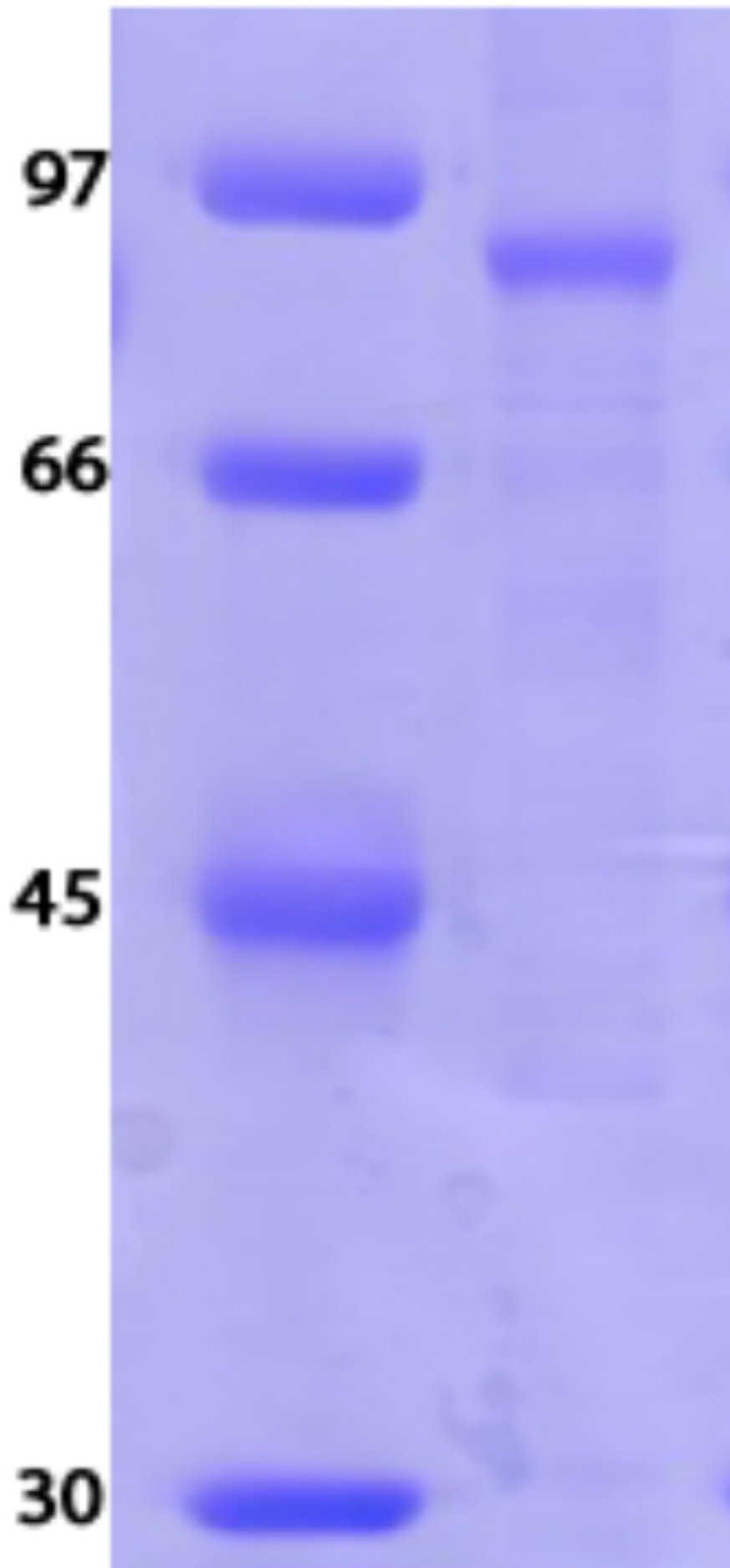
7.70

Gel Information :

Gel Image 1:







Native Sequence:

Amino acids M1 – E804 (end) of human DGK beta isoform 1. Residue M41 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:

Spe1 and Kpn1 of pFastBac HTc

Price per aliquot (100µg):

£110.00