



CK1 delta (1 - 415)

Catalog Number (DU Number):

DU19064

Accession:

NM_001893

Expression

bacteria

Terminus and Tag:

N-Term GST Uncleaved

Purification Method:

GSH Sepharose

Enzymatic Buffer:

50 mM Tris-HCl pH 7.5, 0.1 % 2-mercaptoethanol, 0.1 mM EGTA, 10 mM MgAc

Enzymatic Substrate:

KRRRALS*VASLPGL (where S* is phospho Serine) Final concentration: 300 μ M

Calculated Molecular Mass:

Mono-Isotopic Mass: 74, 106.86 daltons

Average Mass: 74, 154.24 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, 0.2 mM PMSF, 1 mM Benzamidine

Storage Temperature:

-70 °C

Theoretical pI:

9.16

Gel Information :

Gel Image 1:

97

66

45

30

20



Native Sequence:

Amino acids M1 – R415 of human CK1 delta. Residue M232 of the fusion protein is equivalent to M1 of the native enzyme. The GST tag is located at residues 1 - 220.

Protease Cleavage:

PreScission (LEVLFQGP) residues 221 - 228

Cloning Sites:

BamHI and NotI sites of pGEX-6PB-1

Price per aliquot (100µg):

£110.00